

# **Remote Access to Matlab at Mason**

## **CDS-130: Computing for Scientists**

Spring 2013

Jie Zhang

**Credit: Joseph Marr, Samantha Fleming**

# Accessing Matlab at Mason

There are four different methods to access Matlab

1. Install a student version Matlab in your own computer
  - Purchase it at Patriot Computers (\$109)
2. Use GMU lab computers onsite
  - <http://doit.gmu.edu/staffSection.asp?page=lab>
3. Log in remotely, using VCL for Windows or Mac
  - This Instruction
  - **For Windows (slide 3 – 15)**
  - **For Mac (slide 16 – 70)**
4. Log in remotely, using “xterm” and “ssh” **(slide 71 - 84)**
  - This Instruction
  - For users who are familiar with LINUX-based operating systems

**Access Remotely –  
Use the Virtual Computing Lab (VCL)  
for WINDOWS**

# Logging in Remotely, Using the Virtual Computing Lab (VCL) for Windows

Go here:

<https://www.vcl.gmu.edu/>

> Virtual Computing Lab\_

**GEORGE MASON UNIVERSITY**

## Welcome to the Virtual Computing Lab

Please select an authentication method to use:

Mason Credentials ▾

Proceed to Login

**Explanation of authentication methods:**

- Use Mason Credentials if you are using a GMU account
- Use GMU LDAP if you are using a non-Mason account
- Only use Local Account if there are no other options

George Mason University, Fairfax, VA  
[www.vcl.gmu.edu](http://www.vcl.gmu.edu) | Comments to [vclhelp@gmu.edu](mailto:vclhelp@gmu.edu)

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# Logging in Remotely, Using the Virtual Computing Lab (VCL) for Windows

Enter your Mason Userid and Password:

> Virtual Computing Lab\_

**GEORGE MASON UNIVERSITY**

**Login with Mason Credentials**

Userid:

Password:

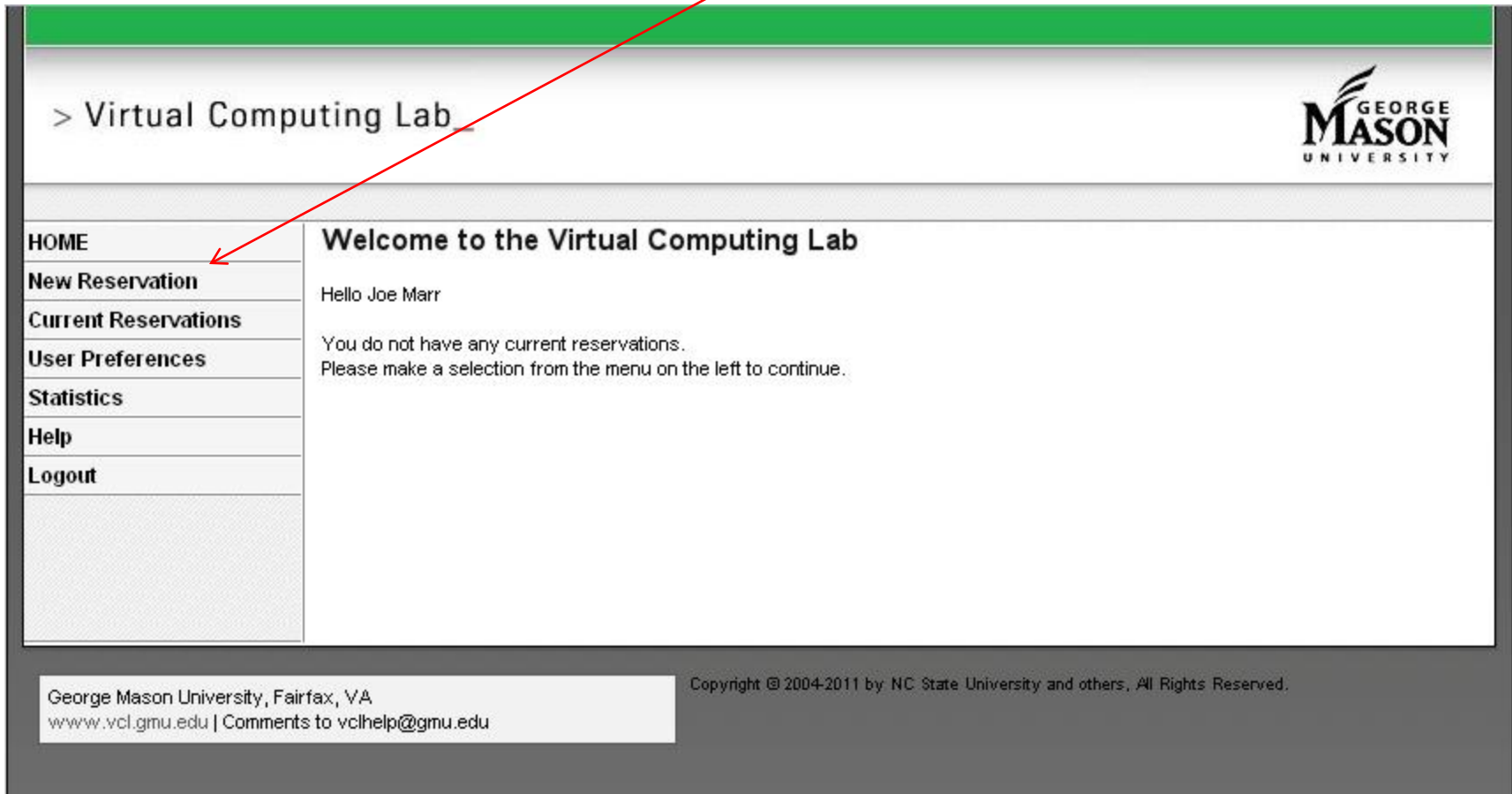
Login

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# Logging in Remotely, Using the Virtual Computing Lab (VCL) for Windows

Click on “New Reservation”



The screenshot shows the VCL for Windows web interface. At the top, there is a green header bar. Below it, a navigation bar contains the text "> Virtual Computing Lab" on the left and the George Mason University logo on the right. The main content area is divided into two columns. The left column is a vertical menu with the following items: HOME, New Reservation, Current Reservations, User Preferences, Statistics, Help, and Logout. A red arrow points to the "New Reservation" link. The right column displays the following text: "Welcome to the Virtual Computing Lab", "Hello Joe Marr", and "You do not have any current reservations. Please make a selection from the menu on the left to continue." At the bottom of the page, there is a footer with contact information for George Mason University and a copyright notice.

> Virtual Computing Lab

GEORGE MASON UNIVERSITY

HOME

**New Reservation**

Current Reservations

User Preferences

Statistics

Help

Logout

**Welcome to the Virtual Computing Lab**

Hello Joe Marr

You do not have any current reservations.  
Please make a selection from the menu on the left to continue.

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# Logging in Remotely, Using the Virtual Computing Lab (VCL) for Windows

Select “Windows XP Professional: Matlab 2008a”, “Now”, and “Create Reservation”

> Virtual Computing Lab\_

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HOME

**New Reservation**

Current Reservations

User Preferences

Statistics

Help

Logout

**New Reservation**

Please select the environment you want to use from the list:

Windows XP Professional: Matlab 2008a

**Image Description:**  
Windows XP Professional with Matlab version 2008a

When would you like to use the application?

Now

Later: Sunday At 1 00 a.m. (Eastern Time Zone)

Duration: 1 hour

Estimated load time: < 1 minute

Create Reservation

# Logging in Remotely, Using the Virtual Computing Lab (VCL) for Windows

You may see that your reservation is “Pending...”. Just wait

> Virtual Computing Lab\_

GEORGE MASON UNIVERSITY

HOME  
New Reservation  
Current Reservations  
User Preferences  
Statistics  
Help  
Logout

### Current Reservations

You currently have the following normal reservations:

	Environment	Starting	Ending	Initially requested
<i>Pending...</i> Est: 1 min remaining	Windows XP Professional: Matlab 2008a	Sunday, Jun 12th, 8:21 pm	Sunday, Jun 12th, 9:30 pm	Sunday, Jun 12th, 8:21 pm

Delete Edit

This page will automatically update every 20 seconds until the *Pending...* reservation is ready.

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# Logging in Remotely, Using the Virtual Computing Lab (VCL) for Windows

Good to Go! Now click “Connect”

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HOME

New Reservation

**Current Reservations**

User Preferences

Statistics

Help

Logout

### Current Reservations

You currently have the following normal reservations:

	Environment	Starting	Ending	Initially requested
<a href="#">Connect!</a> <a href="#">End</a> <a href="#">Edit</a>	Windows XP Professional: Matlab 2008a	Sunday, Jun 12th, 8:21 pm	Sunday, Jun 12th, 9:30 pm	Sunday, Jun 12th, 8:21 pm

Click the **Connect!** button to get further information about connecting to the reserved system. You must click the button from a web browser running on the same computer from which you will be connecting to the remote computer; otherwise, you may be denied access to the machine.

# Logging in Remotely, Using the Virtual Computing Lab (VCL) for Windows

Click "Get RDP File"

Also, WRITE DOWN YOUR PASSWORD!

> Virtual Computing Lab\_

GEORGE MASON UNIVERSITY

HOME

New Reservation

**Current Reservations**

User Preferences

Statistics

Help

Logout

**Connect!**

You will need to use a Remote Desktop program to connect to the system. If you did not click on the **Connect!** button from the computer you will be using to access the VCL system, you will need to cancel this reservation, request a new one, and make sure you click the **Connect!** button in a web browser running on the same computer from which you will be connecting to the VCL system. Otherwise, you may be denied access to the remote computer.

Use the following information when you are ready to connect:

- **Remote Computer:** 129.174.25.126
- **User ID:** jmarr2
- **Password:** UEPKHg

**NOTE:** The given password is for *this reservation only*. You will be given a different password for any other reservations. For automatic connection, you can download an RDP file that can be opened by the Remote Desktop Connection program.

Get RDP File [What is an RDP file?](#)

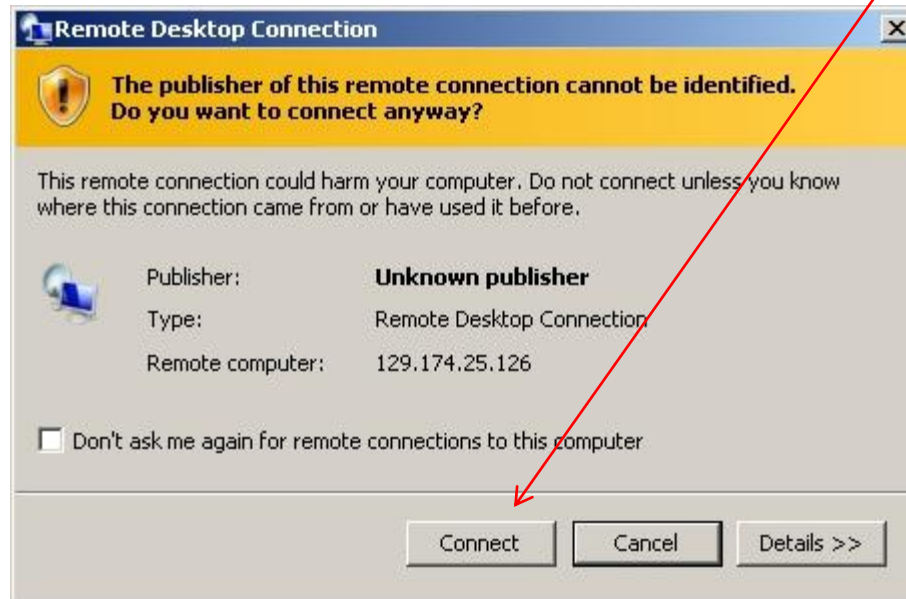
# Logging in Remotely, Using the Virtual Computing Lab (VCL) for Windows

This appears on your Windows Desktop. Double-click on it...



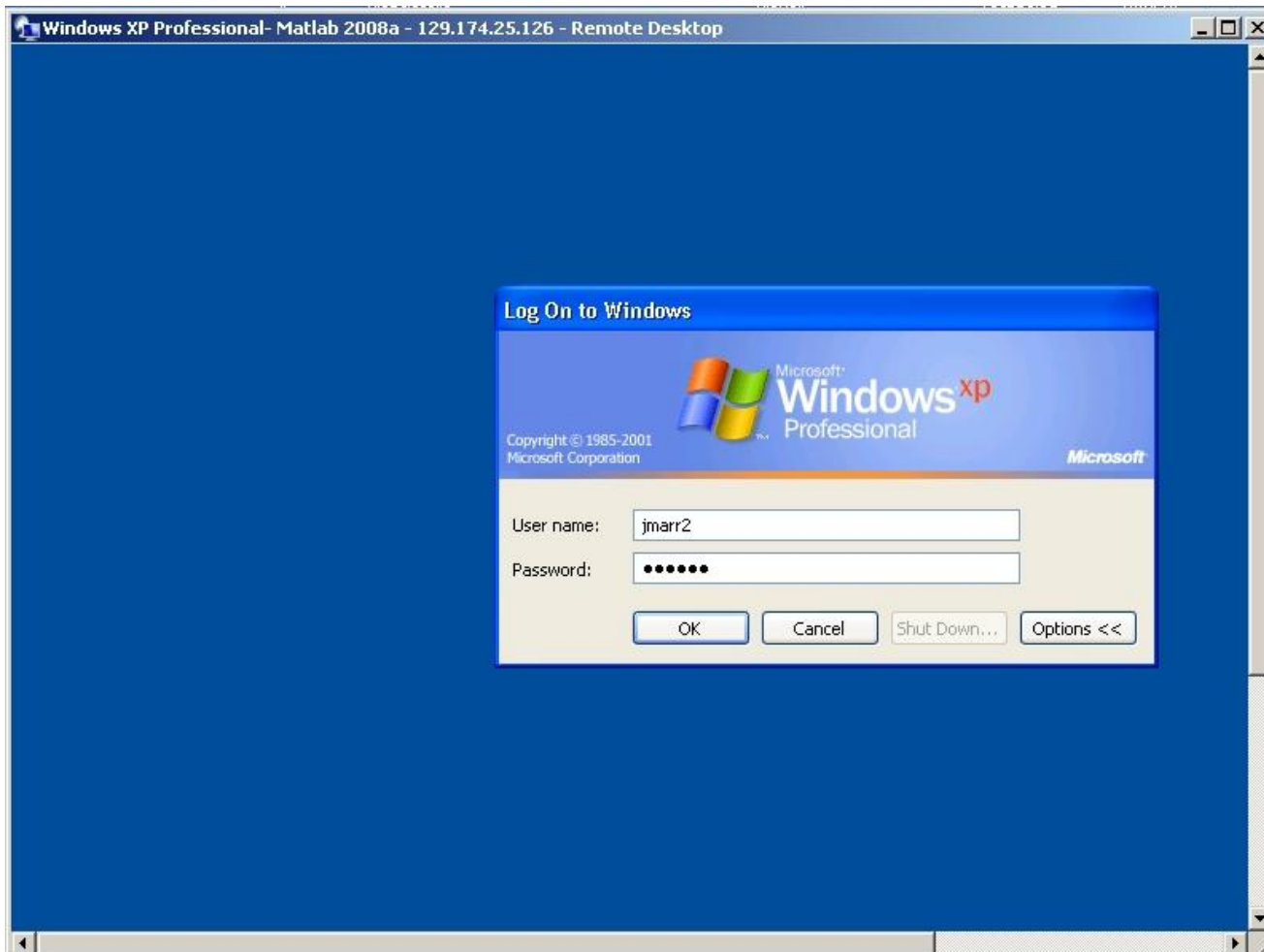
# Logging in Remotely, Using the Virtual Computing Lab (VCL) for Windows

Don't worry if you see this warning. Just click on "Connect"



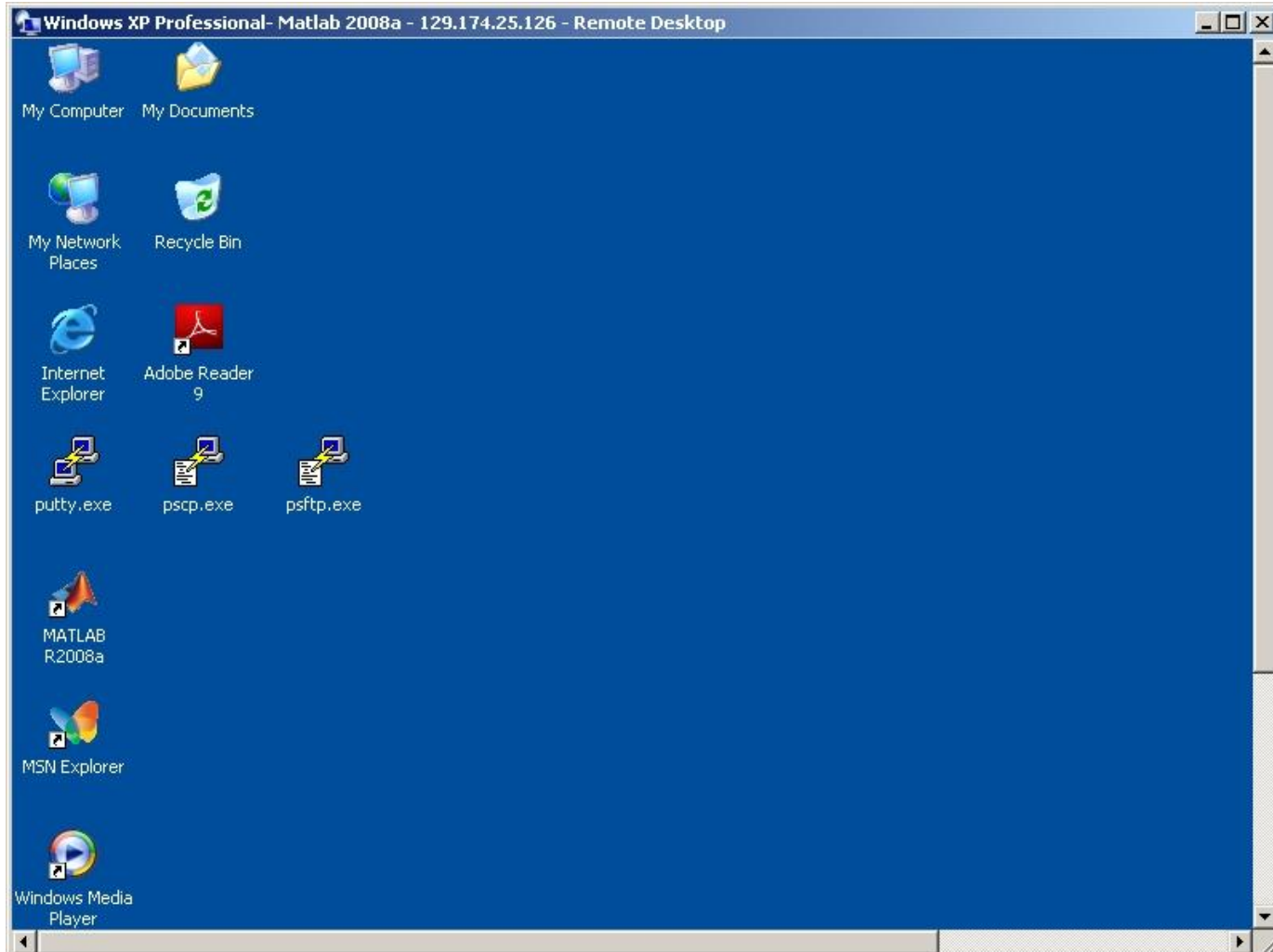
# Logging in Remotely, Using the Virtual Computing Lab (VCL) for Windows

Enter your MasonID, and, **THE PASSWORD YOU WROTE DOWN THREE SLIDES AGO**

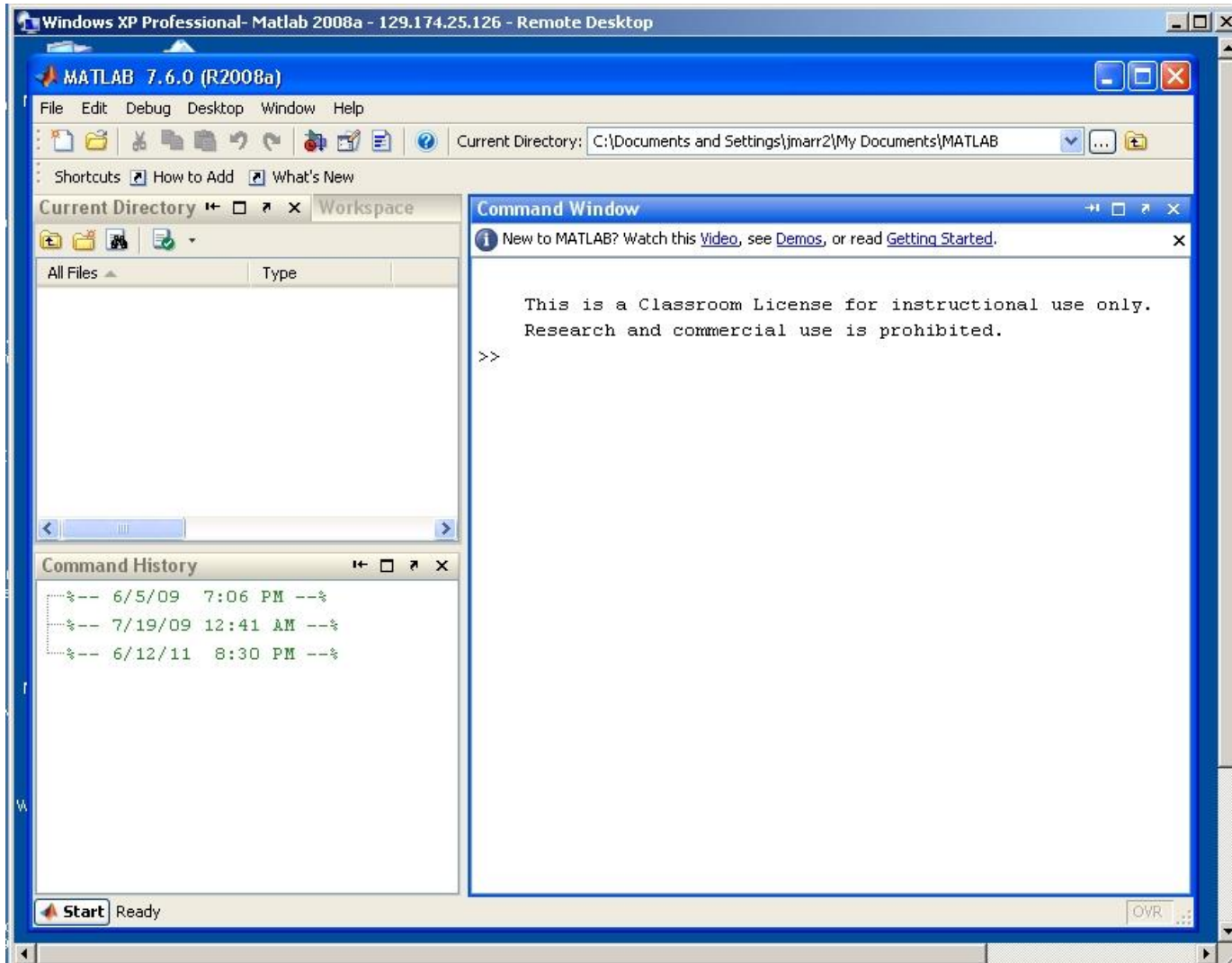


# Logging in Remotely, Using the Virtual Computing Lab (VCL) for Windows

THAT'S IT – YOU'RE IN! NOW BEGIN USING MATLAB ON A REMOTE DESKTOP



# Logging in Remotely, Using the Virtual Computing Lab (VCL) for Windows



# **Logging in Remotely, Using the Virtual Computing Lab (VCL) for MAC**



- In order to access Windows Virtual Computer Lab, you will need to [download the Remote Desktop Connection Client for Mac OS X.](#)
- This is FREE and easy. It will allow you to use MATLAB without going to the computer lab on campus.

1. Click the link on previous page, or go to:



[http://www.microsoft.com/mac/downloads?pid=Mactopia\\_RDC&fid=68346E0D-44D3-4065-99BB-B664B27EE1F0%23viewer](http://www.microsoft.com/mac/downloads?pid=Mactopia_RDC&fid=68346E0D-44D3-4065-99BB-B664B27EE1F0%23viewer)

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## Downloads

### Office for Mac updates

Download updates by selecting any of the products in the left column below. Then check for all available downloads, view details, and continue to download the updates of your choice.

Products	Available Downloads	Download Details
 Office 2011	Microsoft Remote Desktop Connection Client for Mac 2.1.1 >	<b>Microsoft Remote Desktop Connection Client for Mac 2.1.1</b>  Remote Desktop Connection Client for Mac 2.1.1 lets you connect from your Macintosh computer to a Windows-based computer or to multiple Windows-based computers at the same time. After you have connected, you can work with applications and files on the Windows-based computer.  To learn about what's new in Remote Desktop Connection Client for Mac 2.1.1, please visit the <a href="#">Microsoft Web site</a> .
 Office 2008	Remote Desktop Connection Client 1.0.3 for Mac >	
 Office 2004		
 Messenger for Mac		
 Remote Desktop		



2. Scroll down slightly and make sure that “Microsoft Remote Desktop Connection Client for Mac 2.1.1” is selected in gray (It is the first bullet available)
3. Press the “Download Now!” button.

## Office for Mac updates

Download updates by selecting any of the products in the left column below. Then check for all available downloads, view details, and continue to download the updates of your choice.

### Products

- Office 2011
- Office 2008
- Office 2004
- Messenger for Mac
- Remote Desktop**
- Additional Tools

### Available Downloads

- Microsoft Remote Desktop Connection Client for Mac 2.1.1 >
- Remote Desktop Connection Client 1.0.3 for Mac >

### Download Details

#### Microsoft Remote Desktop Connection Client for Mac 2.1.1

Remote Desktop Connection Client for Mac 2.1.1 lets you connect from your Macintosh computer to a Windows-based computer or to multiple Windows-based computers at the same time. After you have connected, you can work with applications and files on the Windows-based computer.

To learn about what's new in Remote Desktop Connection Client for Mac 2.1.1, please visit the Microsoft Web site.

File Name: RDC\_2.1.1\_ALL.dmg  
Date Published: Thursday, May 05, 2011  
Size: 8.9 MB

[Download Now!](#)



4. A new tab will appear. If it doesn't, here is the URL:

<http://www.microsoft.com/download/en/details.aspx?displaylang=en&id=18140>

5. Select the “Download” button in the bottom right hand corner of the screen.

# Microsoft Download Center

Search Download Center 

Windows Office All products All downloads Security Support



## Microsoft Remote Desktop Connection Client for Mac 2.1.1

### Quick links

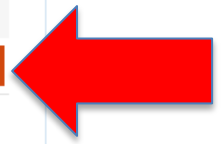
- ↓ Overview
- ↓ System requirements
- ↓ Instructions
- ↓ Additional information

Remote Desktop Connection Client for Mac 2.1.1 lets you connect from your Macintosh computer to a Windows-based computer and then work with applications and files on the Windows-based computer.

### Quick details

Version: 2.1.1 Date Published: 5/5/2011  
Change Language:

File Name	Size	
RDC_2.1.1_ALL.dmg	8.0 MB	<a href="#">DOWNLOAD</a>



6. The window will change to a confirmation of download page. A box will appear asking if you want to save a binary file called “RDC\_2.1.1\_ALL.dmg”.
7. Click “Save File”.



# Microsoft Download Center

Opening RDC\_2.1.1\_ALL.dmg

You have chosen to open

RDC\_2.1.1\_ALL.dmg  
which is a: [Binary File](#)  
from: <http://download.microsoft.com>

Would you like to save this file?

Cancel Save File



## Microsoft Remote Desktop Connection Client for Mac 2.1.1

If your download does not start after 30 seconds, click here: [Start download](#)

### Instructions

#### To install this software

1. Print this page if you want to use it as a reference when you are offline.
2. Quit any applications that are running, including all Office applications, Microsoft Messenger, and Office Notifications, because they might interfere with installation.
3. Make sure that your computer meets the minimum system requirements.
4. Click **Download**, or click the link for the language version that you want.
5. Follow the instructions on the screen to save the file to your hard disk. If you are using Safari, the

### For you

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 **Windows Internet Explorer**  
Get the latest version of Windows Internet Explorer.

8. Once “Save File” is selected, the file will download into your Downloads folder.

# Microsoft Download Center

Windows

Microsoft Thank you for

File Name	Size	Source	Time
RDC_2.1.1_ALL(1).dmg	8.9 MB	microsoft.com	2:42 PM
Weingarden_Psyc325syllabus_Fall2011.docx	191 KB	gmu.edu	11:26 AM
Neur 335 Syllabus - 2011.doc	44.5 KB	outlook.com	11:23 AM
Psyc211-004pm syllabusfall2011.doc	41.0 KB	outlook.com	11:21 AM
tutorial3-1.pdf	690 KB	anl.gov	August 17
qsassvn_i86(1).dmg			August 17

Clear List Search...



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### For you

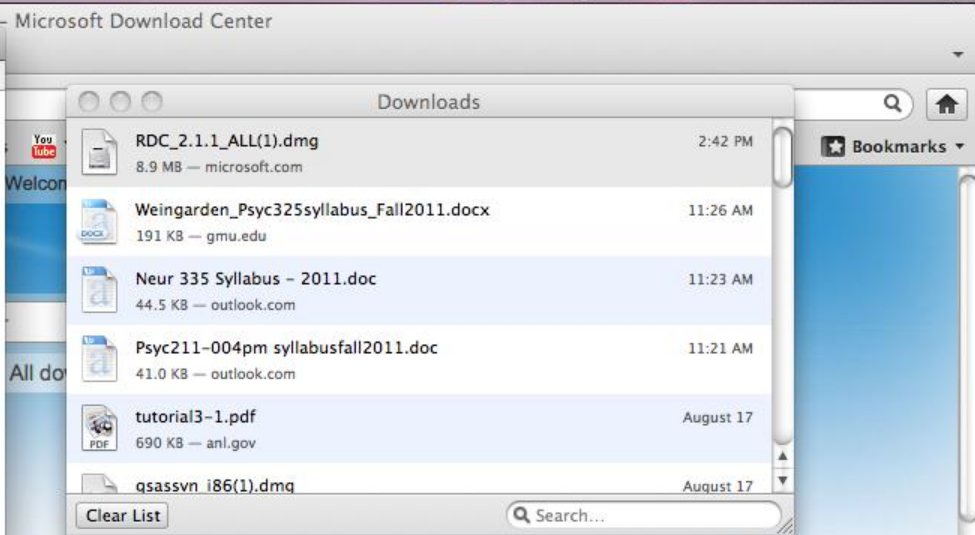
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9. Double click the downloaded file. A window called “RDC” will pop up.
10. Inside the window is a box called “RDC Installer”, double click this icon.



## Microsoft Remote Desktop Connection Client for Mac 2.1.1

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### Instructions

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11. This will open a self-guided Installer.  
Continue through the installer to install the Remote Desktop Connection.
12. The next several slide show the process.

RDC

1 of 1 selected, Zero KB available



RDC In

Download Confirmation - Microsoft Download Center

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RDC\_2.1.1\_ALL(1).dmg 2:42 PM

11:26 AM
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Bookmarks

Install Microsoft RDC for Mac

### Welcome to the Microsoft RDC for Mac Installer

You will be guided through the steps necessary to install this software.

- Introduction
- License
- Destination Select
- Installation Type
- Installation
- Summary



Go Back Continue



## Microsoft Remote Desktop Client for Mac 2.1.1

If your download does not work, you can download the software from the Microsoft Download Center.

### Instructions

#### To install this software

1. Print this page if you want to use it as a reference when you are offline.
2. Quit any applications that are running, including all Office applications, Microsoft Messenger, and Office Notifications, because they might interfere with installation.
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### Install Microsoft RDC for Mac

#### Software License Agreement

English

[Remote Desktop Connection Client for Mac 2 Privacy Statement](#)

#### MICROSOFT SOFTWARE LICENSE TERMS

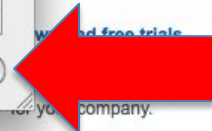
#### Microsoft Remote Desktop Connection Client for Mac 2

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	11:21 AM
	August 17
	August 17

Search...

Install Microsoft RDC for Mac

To continue installing the software you must agree to the terms of the software license agreement.

Click Agree to continue or click Disagree to cancel the installation and quit the Installer.

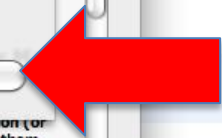
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11:23 AM
11:21 AM
August 17
August 17

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Install Microsoft RDC for Mac

### Standard Install on "Macintosh HD"

This will take 24.4 MB of space on your computer.

Click Install to perform a standard installation of this software on the disk "Macintosh HD".

Change Install Location...

Go Back Install

## Microsoft Remote Desktop Client for Mac 2.1.1

If your download does not work, you can also download the software from the Microsoft Download Center.

### Instructions

#### To install this software

1. Print this page if you want to use it as a reference when you are offline.
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- Introduction
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- Installation**
- Installation
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Details

Downloads

File Name	Time
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### Install Microsoft RDC for Mac

Type your password to allow Installer to make changes.

Name: Sam Fleming

Password:

Cancel OK

Change Install Location...

Go Back Install



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August 17

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Install Microsoft RDC for Mac

### Installing Microsoft RDC for Mac

- Introduction
- License
- Destination Select
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Writing files...



Go Back Continue

## Microsoft Remote Desktop Client for Mac 2.1.1

If your download does not

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PCs—try it for free, or buy it now.



#### Windows Internet Explorer

Get the latest version of  
Windows Internet  
Explorer.



13. Once RDC is installed you should notice an icon pop up on your Dock. It looks like a satellite dish with the Windows logo.

**The installation was completed successfully.**

**The installation was successful.**

The software was installed.

Introduction  
License  
Destination Select  
Installation Type  
Installation  
Summary

Go Back Close

Microsoft Down

Microsoft Thank

### Microsoft Remote Desktop Client for Mac 2.1.1

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#### Remote Desktop Connection

Get the latest version of Windows Internet Explorer.



14. Now, find a gray box icon on your Desktop called “RDC”.





CDS Summer 2011



Screenshots



Songs



Virgin Festival Confirmation.pdf



Rent App Fleming.doc



Rent App Pocanic.doc



Resume\_Fleming.doc



Argonne



RDC



15. Right click this box and choose “Eject” to remove it from your desktop. This will not remove the actual RDC, which we just installed on the Dock.



CDS Summer 2011



Screenshots



Songs



Virgin Festival Confirmation.pdf



Rent App Fleming.doc



Rent App Pocanic.doc



Resume\_Fleming.doc



Argonne



RDC

- Open
- Eject**
- Get Info
- Burn "RDC" to Disc...
- Duplicate
- Make Alias
- Copy "RDC"
- Clean Up Selection
- Show View Options
- Label:
  - X
  - Color selection icons
- Folder Actions Setup...
- Symantec: Scan selected file(s) for threats



# Opening a VCL File on Mac

- Getting a remote connection now is very similar to the process on Windows.
- The following slides are a clarification just in case....

1. Go to the GMU Virtual Computing Website:  
<https://www.vcl.gmu.edu/index.php>
2. Select “Mason Credentials” and click  
“Proceed to Login”.

> Virtual Computing Lab\_



### Welcome to the Virtual Computing Lab

Please select an authentication method to use:

Mason Credentials

Proceed to Login



#### Explanation of authentication methods:

- Use Mason Credentials if you are using a GMU account
- Use GMU LDAP if you are using a non-Mason account
- Only use Local Account if there are no other options



3. Type in your email as the Userid (without the “.masonlive.gmu.edu”) and your email password as the Password. Click “Login”.

> Virtual Computing Lab\_

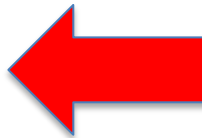


### Login with Mason Credentials

UserId:

Password:

Login



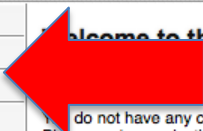


4. Once you are signed in, select the “New Reservation” tab on the left hand side of the page.

> Virtual Computing Lab\_



- HOME
- New Reservation**
- Current Reservations
- User Preferences
- Statistics
- Help
- Logout



### Welcome to the Virtual Computing Lab

You do not have any current reservations.  
Please make a selection from the menu on the left to continue.



5. Select “Windows XP Professional: Matlab 2008a” from the drop down menu under the “environment” you want to use.
6. Select the time at which you want the reservation.
7. Select the duration of the reservation.
8. Press “Create Reservation” when done.

# > Virtual Computing Lab



- HOME
- New Reservation**
- Current Reservations
- User Preferences
- Statistics
- Help
- Logout

## New Reservation

Please select the environment you want to use from the list:

Windows XP Professional: Matlab 2008a

### Image Description:

Windows XP Professional with Matlab version 2008a

When would you like to use the application?

Now

Later: Monday At 1:00 a.m. (Eastern Time Zone)

Duration: 1 hour

Estimated load time: < 1 minute

Create Reservation



9. The reservation will load, this could take several minutes.

> Virtual Computing Lab\_



HOME

New Reservation

Current Reservations

User Preferences

Statistics

Help

Logout

### Current Reservations

You currently have the following normal reservations:

	Environment	Starting	Ending	Initially requested
<i>Pending...</i> Est: 1 min remaining	Windows XP Professional: Matlab 2008a	Monday, Aug 29th, 10:46 pm	Tuesday, Aug 30th, 12:00 am	Monday, Aug 29th, 10:46 pm

Delete Edit

This page will automatically update every 20 seconds until the *Pending...* reservation is ready.



10. When the reservation is loaded, a “Connect” button will appear where the screen used to say “Pending...”. Click “Connect”.

> Virtual Computing Lab\_

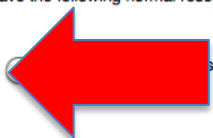


- HOME
- New Reservation
- Current Reservations**
- User Preferences
- Statistics
- Help
- Logout

### Current Reservations

You currently have the following normal reservations:

	Environment	Starting	Ending	Initially requested
<input type="button" value="Connect!"/>	XP Professional: Matlab 2008a	Monday, Aug 29th, 10:46 pm	Tuesday, Aug 30th, 12:00 am	Monday, Aug 29th, 10:46 pm



Click the **Connect!** button to get further information about connecting to the reserved system. You must click the button from a web browser running on the same computer from which you will be connecting to the remote computer; otherwise, you may be denied access to the machine.





11. A new page will appear. It will contain a username and password. Write the password down.
12. Click “Get RDP File”.

# > Virtual Computing Lab\_



- HOME
- New Reservation
- Current Reservations**
- User Preferences
- Statistics
- Help
- Logout

## Connect!

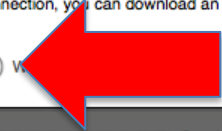
You will need to use a Remote Desktop program to connect to the system. If you did not click on the **Connect!** button from the computer you will be using to access the VCL system, you will need to cancel this reservation, request a new one, and make sure you click the **Connect!** button in a web browser running on the same computer from which you will be connecting to the VCL system. Otherwise, you may be denied access to the remote computer.

Use the following information when you are ready to connect:

- Remote Computer: 129.174.24.244
- User ID: sflemin5
- Password: 4Z2eZi

**NOTE:** The given password is for *this reservation only*. You will be given a different password for any other reservations. For automatic connection, you can download an RDP file that can be opened by the Remote Desktop Connection program.

Get RDP File



14. A window will pop up asking if you want to save the RDP File. Select “Save File” and then press “OK”.

> Virtual Computi

GEORGE MASON UNIVERSITY

HOME  
New Reservation  
Current Reservations  
User Preferences  
Statistics  
Help  
Logout

connect!

on the **Connect!** button from the computer you will be using to access the VCL system, you will  
tion in a web browser running on the same computer from which you will be connecting to the

for any other reservations.  
Desktop Connection program.

Reserved.

George Mason University, Fairfax, VA  
www.vcl.gmu.edu | Comments to vclhelp@gmu.edu

Opening Windows XP Professional\_ Matlab 2008a.rdp

You have chosen to open

Windows XP Professional\_ Matlab 2008a.rdp  
which is a: rdp File  
from: https://www.vcl.gmu.edu

What should Firefox do with this file?

Open with Choose...  
 Save File  
 Do this automatically for files like this from now on.

Cancel OK



15. The RDP File will download to your Downloads. Double click the file once it has finished downloading.

# > Virtual Computing Lab\_

- HOME
- New Reservation
- Current Reservations**
- User Preferences
- Statistics
- Help
- Logout

You will need to use a Remote Desktop program to connect to the system. If you did not need to cancel this reservation, request a new one, and make sure you click the Connect button in the VCL system. Otherwise, you may be denied access to the remote computer.







Use the following information when you are ready to connect:

- Remote Computer: 129.174.24.244
- User ID: sflamin5
- Password: 4Z2eZi

**NOTE:** The given password is for *this reservation only*. You will be given a different password for any other reservations. For automatic connection, you can download an RDP file that can be opened by the Remote Desktop Connection program.

[Get RDP File](#) [What is an RDP file?](#)

Downloads

 Windows XP Professional_ Matlab 2008a(23).rdp	10:49 PM
598 bytes — gmu.edu	
 RDC_2.1.1_ALL(1).dmg	2:42 PM
8.9 MB — microsoft.com	
 Weingarden_Psyc325syllabus_Fall2011.docx	11:26 AM
191 KB — gmu.edu	
 Neur 335 Syllabus - 2011.doc	11:23 AM
44.5 KB — outlook.com	
 Psyc211-004pm syllabusfall2011.doc	11:21 AM
41.0 KB — outlook.com	
 tutorial3-1.pdf	August 17

[Clear List](#)



16. A window will pop up asking if you want to share your computer with a Window's based system. Press "Connect".

### > Virtual Computing Lab

- HOME
- New Reservation
- Current Reservations**
- User Preferences
- Statistics
- Help
- Logout

You will need to use a R... need to cancel this rese... VCL system. Otherwise, you may...

Use the following information when...

- Remote Computer: 129.174.24.244
- User ID: sflmin5
- Password: 4Z2eZi

**NOTE:** The given password is for *this reservation only*. You will be given a different password for any other reservations. For automatic connection, you can download an RDP file that can be opened by the Remote Desktop Connection program.

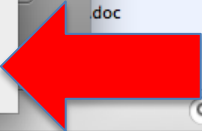
[Get RDP File](#) [What is an RDP file?](#)

**You are sharing your Mac hard disks with a Windows-based computer.**

Someone with access to your Windows-based computer can open your Mac disk drives and folders. This is potentially unsafe.

Don't show this message again when connecting to 129.174.24.244

Cancel Connect



Downloads

Windows XP Professional_Matlab 2008a(23).rdp	10:49 PM
598 bytes — gmu.edu	
	2:42 PM
2011.docx	11:26 AM
	11:23 AM
doc	11:21 AM
	August 17

Search...





17. A second window will pop up asking saying that it can not verify the identity of the computer you are connecting to. Press “Connect”.

**\*\*NOTE:** This is all safe. You can't damage your computer doing any of this.

### > Virtual Computing Lab

- HOME
- New Reservation
- Current Reservations**
- User Preferences
- Statistics
- Help
- Logout

You will need to use a R... need to cancel this rese... VCL system. Otherwise, you may...

Use the following information when...

- Remote Computer: 129.1...
- User ID: sflern5
- Password: 4Z2eZi

**NOTE:** The given password is for... For automatic connection, you can download an RDP file that can be opened by the Remote Desktop Connection program.

[Get RDP File](#) [What is an RDP file?](#)

**Remote Desktop Connection cannot verify the identity of the computer that you want to connect to.**

This problem can occur if:

- The remote computer is running a version of Windows that is earlier than Windows Vista.
- The remote computer is configured to support only the RDP security layer.

Contact your administrator, or the owner of the remote computer for assistance.

Do you want to connect anyway?



### Downloads

Windows XP Professional_Matlab 2008a(23).rdp	10:49 PM
	2:42 PM
2011.docx	11:26 AM
	11:23 AM
doc	11:21 AM
	August 17

Search...



18. A large Windows screen with a blue background will pop up and prompt you for a password. This is the password you wrote down earlier. Type it in and press “OK”.

VCL :: Virtual Computing Lab

gmu.edu https://www.vcl.gmu.edu/index.php

Most Visited Getting Started Latest Headlines

### > Virtual Computing Lab

- HOME
- New Reservation
- Current Reservations**
- User Preferences
- Statistics
- Help
- Logout

You will need to use a Remote Desktop Client to connect to the VCL system. Otherwise, you may need to cancel this reservation, if you are unable to connect.

Use the following information when connecting:


- Remote Computer: 129.174.24.244
- User ID: sflemin5
- Password: 4Z2eZi

**NOTE:** The given password is for manual connection only. For automatic connection, you can use the RDP File.

[Get RDP File](#) [What is an RDP File?](#)

George Mason University, Fairfax, VA  
www.vcl.gmu.edu | Comments to vclhelp@gmu.edu

VCL :: Virtual Computing Lab 129.174.24.244



Log On to Windows

Microsoft Windows<sup>XP</sup> Professional

Copyright © 1985-2001 Microsoft Corporation

User name: sflemin5

Password: ●●●●●●

OK Cancel Shut Down... Options <<

Two red arrows point to the 'User name' and 'Password' input fields.



19. You now have access to a screen that shows a Windows system and contains Matlab!

\*\*You can minimize the screen to get to other areas of your Mac.

\*\*When your reservation time is ending, you will receive 10 minute and 5 minute alerts to disconnect.

\*\*Disconnect by closing the window or it will close automatically.

The image shows a Windows XP desktop environment within a virtual machine window. The desktop background is blue. The taskbar at the bottom contains various application icons including Internet Explorer, Firefox, and several utility programs. The desktop icons include:

- My Computer
- My Documents
- My Network Places
- Recycle Bin
- Internet Explorer
- Adobe Reader 9
- putty.exe
- pscp.exe
- psftp.exe
- MATLAB R2008a (highlighted with a red arrow)
- MSN Explorer
- Windows Media Player



# **Logging in Remotely, Using CygWin for WINDOWS**

# Logging in Remotely, Using CygWinX for Windows

Go here: <http://x.cygwin.com/>

Download and install CygwinX:

## Downloading and Installing

Cygwin/X is installed via Cygwin's [setup.exe](#) and the installation process is documented in the [Cygwin/X User's Guide](#). Whether or not you already have Cygwin installed, you can add Cygwin/X to your installation by downloading the latest [setup.exe](#), running setup, and selecting the 'xinit' package from the 'X11' category.



Using Cygwin/X is documented in a step-by-step manner, with lots of pictures and examples, in the [Cygwin/X User's Guide](#). Please notice, however, that Cygwin/X contains many general-purpose programs, libraries, and functions that are part of all [X](#) distributions. It is therefore beyond the scope of the [Cygwin/X User's Guide](#) to document all of these X Window System components. To find documentation, for example, for *setxkbmap* one should consult the generic X documentation such as the [setxkbmap\(1\) manual page](#). You could always, of course, do a [Google search](#) for *setxkbmap*, which finds the manual page mentioned above.



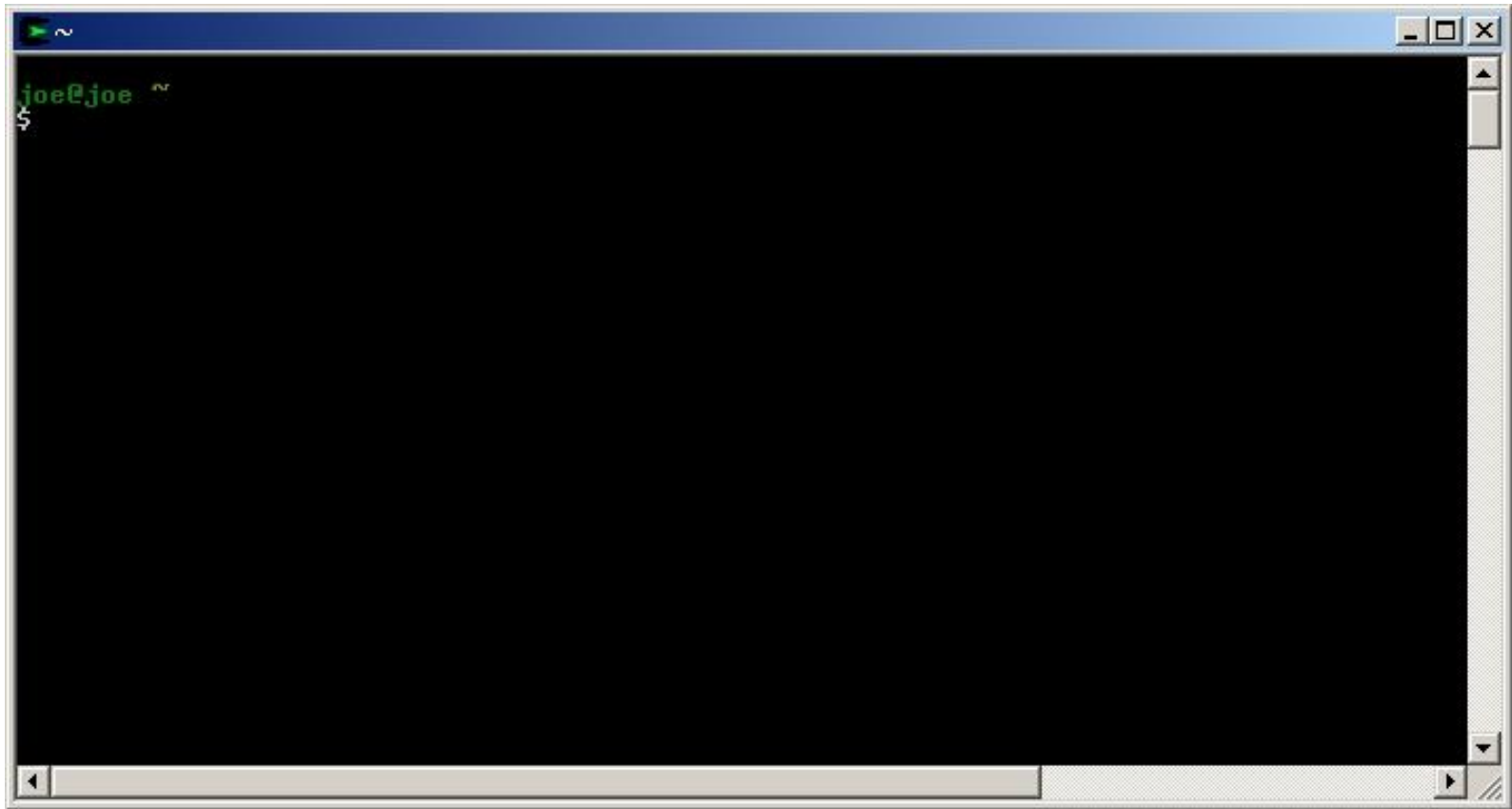
## Logging in Remotely, Using CygWinX for Windows

Now click on the Cygwin icon on your desktop  
(the icon appears following successful installation):



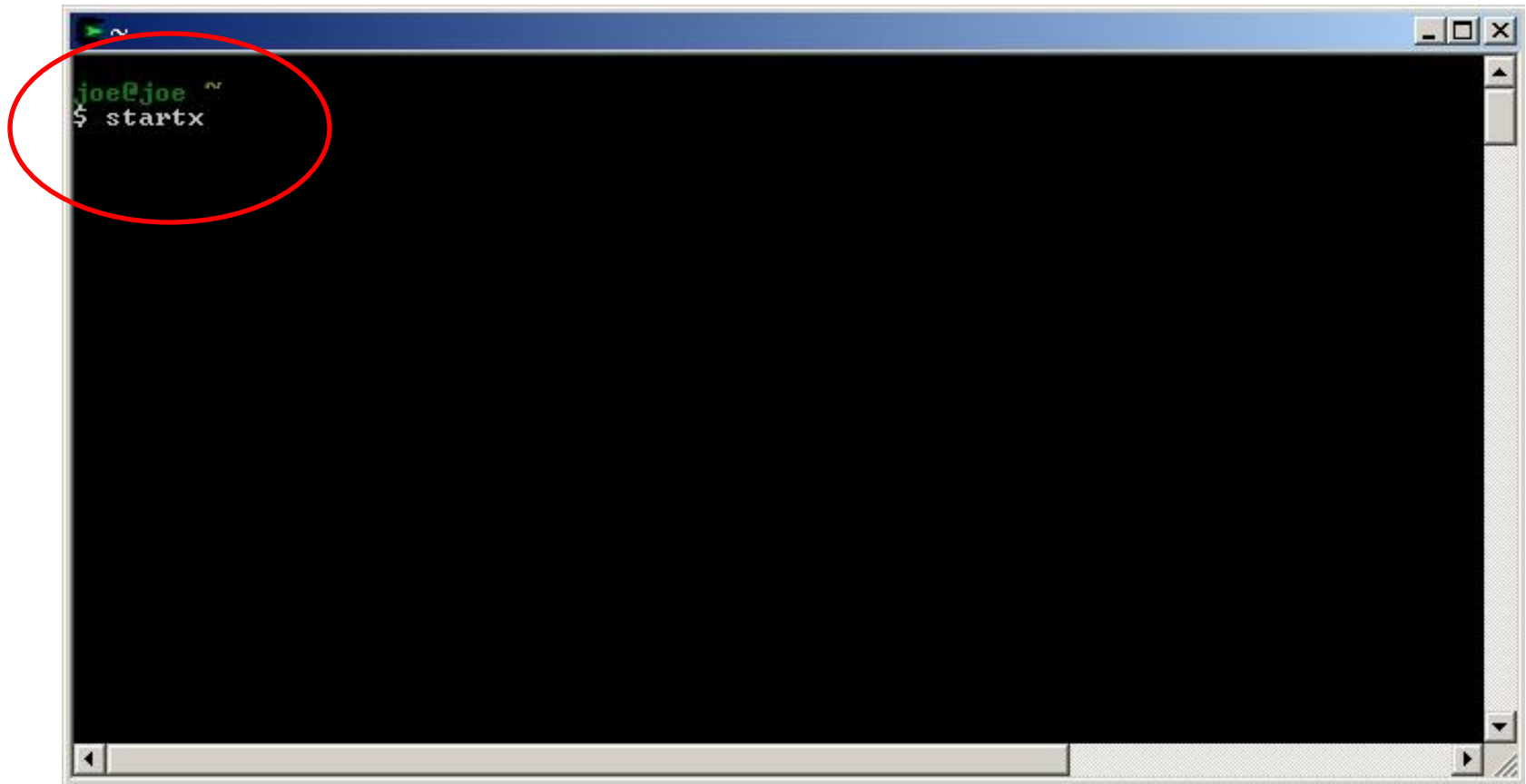
# Logging in Remotely, Using CygWinX for Windows

The CygWin window then appears:



# Logging in Remotely, Using CygWinX for Windows

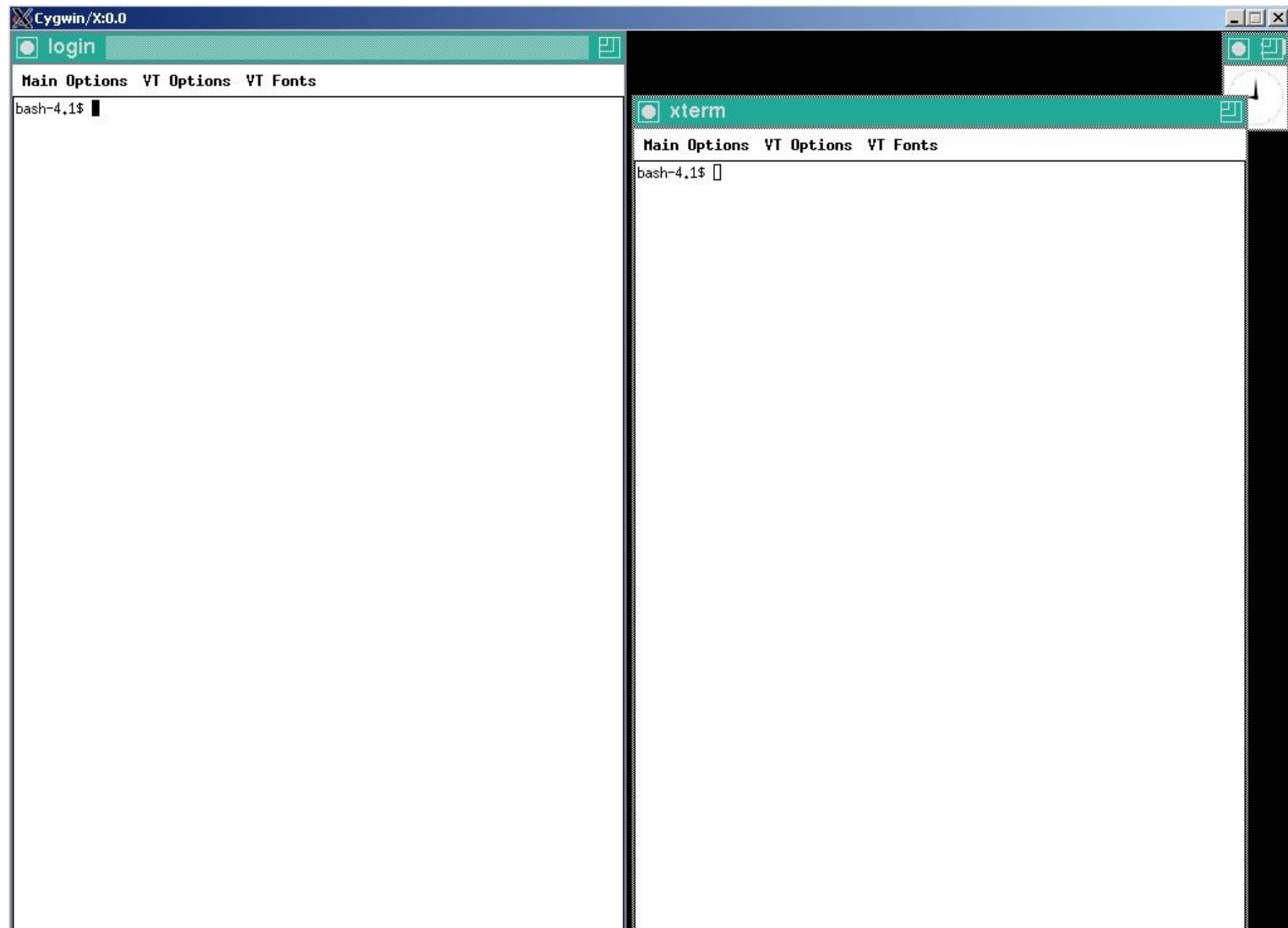
Startup an X windows environment by typing “startx”:

A screenshot of a terminal window with a black background and white text. The window title bar is blue and contains a green cursor icon, a tilde symbol, and standard window control buttons (minimize, maximize, close). The terminal content shows the prompt 'joe@joe ~' followed by the command '\$ startx'. A red oval highlights the first two lines of the terminal output. The terminal also features a vertical scrollbar on the right and a horizontal scrollbar at the bottom.

```
joe@joe ~  
$ startx
```

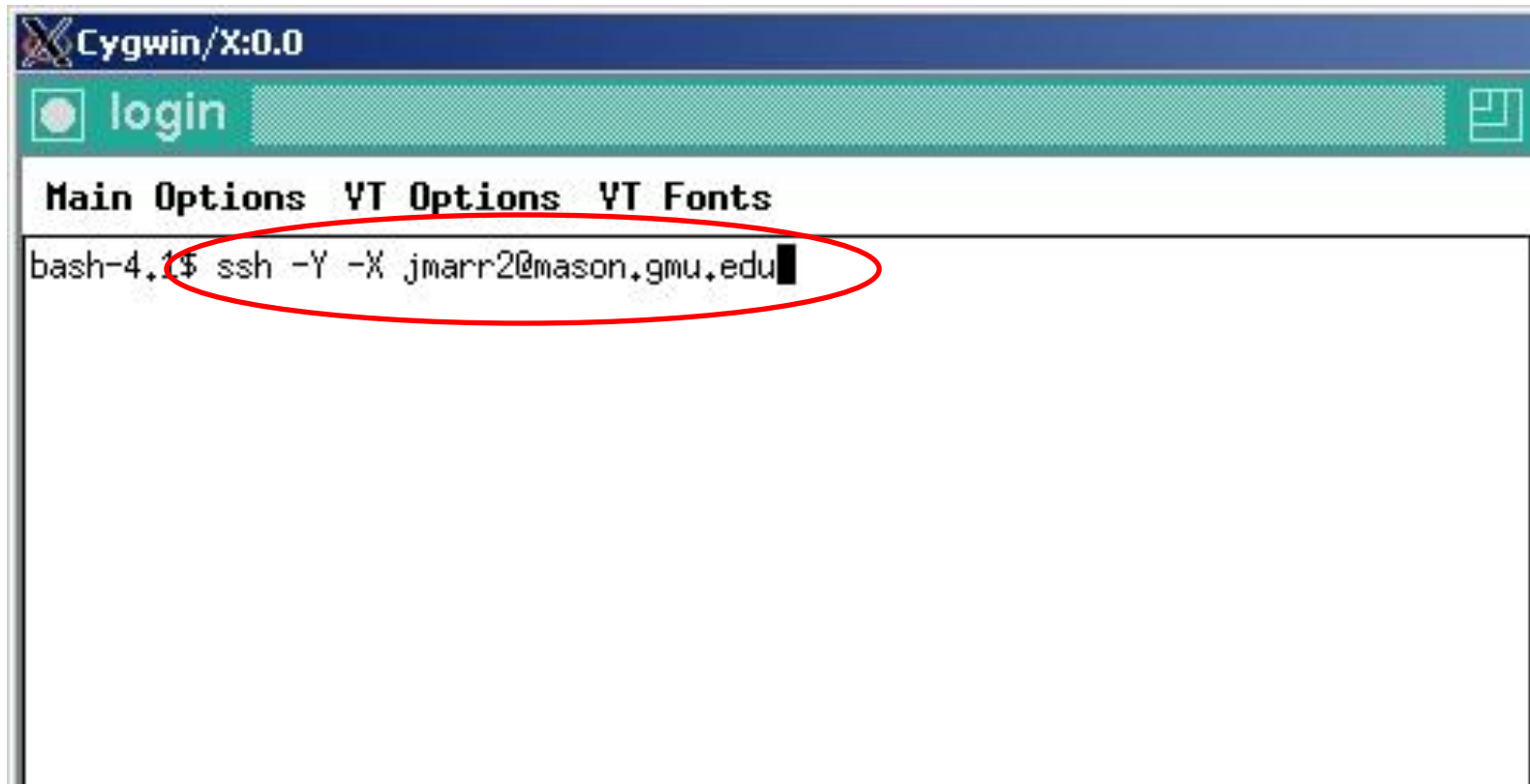
# Logging in Remotely, Using CygWinX for Windows

Here's what you should see – or something very similar:



# Logging in Remotely, Using CygWinX for Windows

Enter this command AS WRITTEN. Replace “jmarr2” with YOUR MasonID:

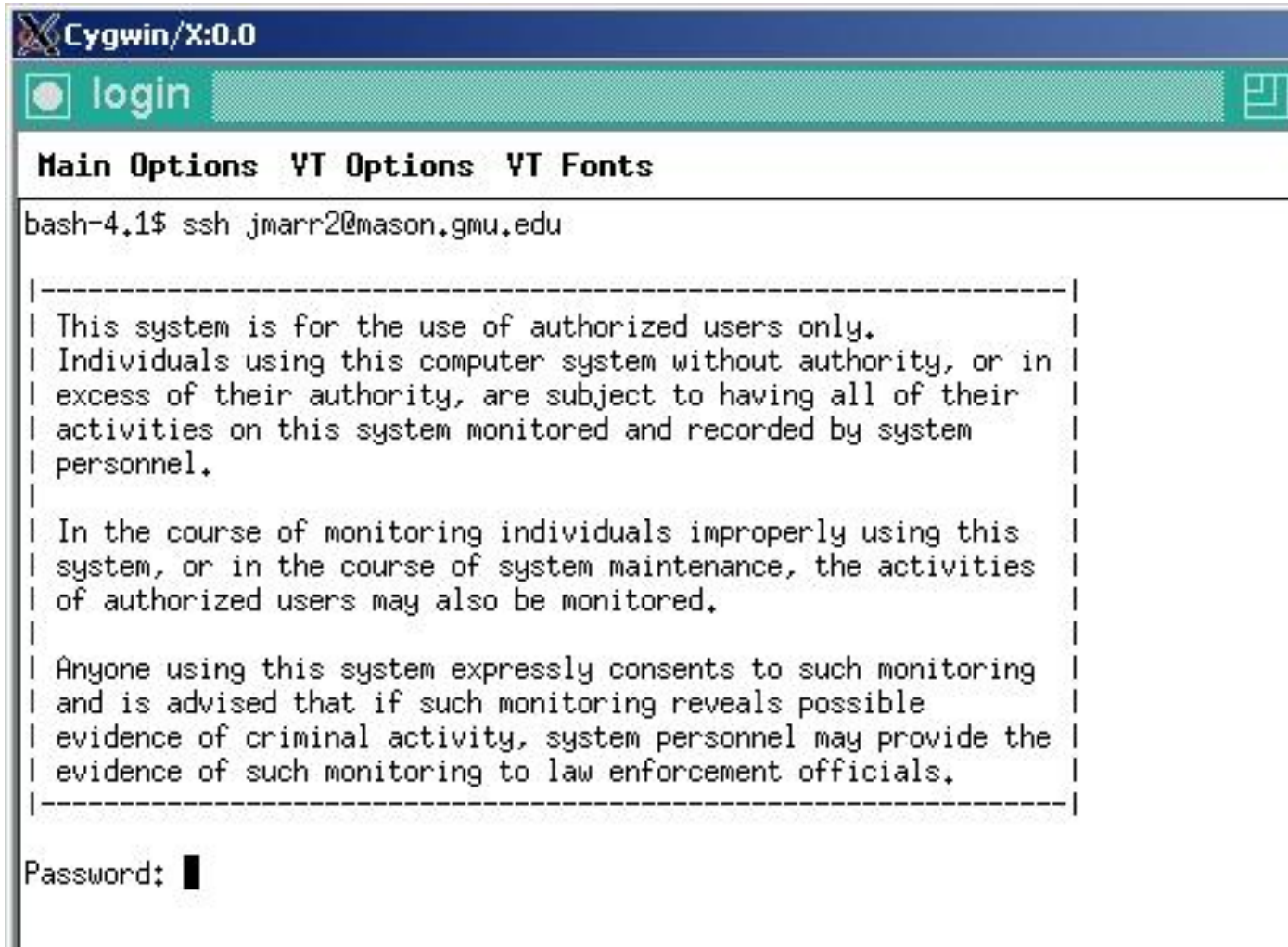


The image shows a screenshot of a Cygwin terminal window. The title bar reads "Cygwin/X:0.0". Below the title bar is a green header with the word "login" and a small icon on the right. Underneath the header, there are three menu items: "Main Options", "VT Options", and "VT Fonts". The main area of the terminal shows a command prompt "bash-4.1\$" followed by the command "ssh -Y -X jmarr2@mason.gmu.edu" which is circled in red. A black cursor is positioned at the end of the command.

```
Cygwin/X:0.0
login
Main Options  VT Options  VT Fonts
bash-4.1$ ssh -Y -X jmarr2@mason.gmu.edu
```

# Logging in Remotely, Using CygWinX for Windows

Enter your Mason cluster password when prompted to do so . . .



The screenshot shows a terminal window titled "Cygwin/X:0.0" with a "login" header. The terminal content is as follows:

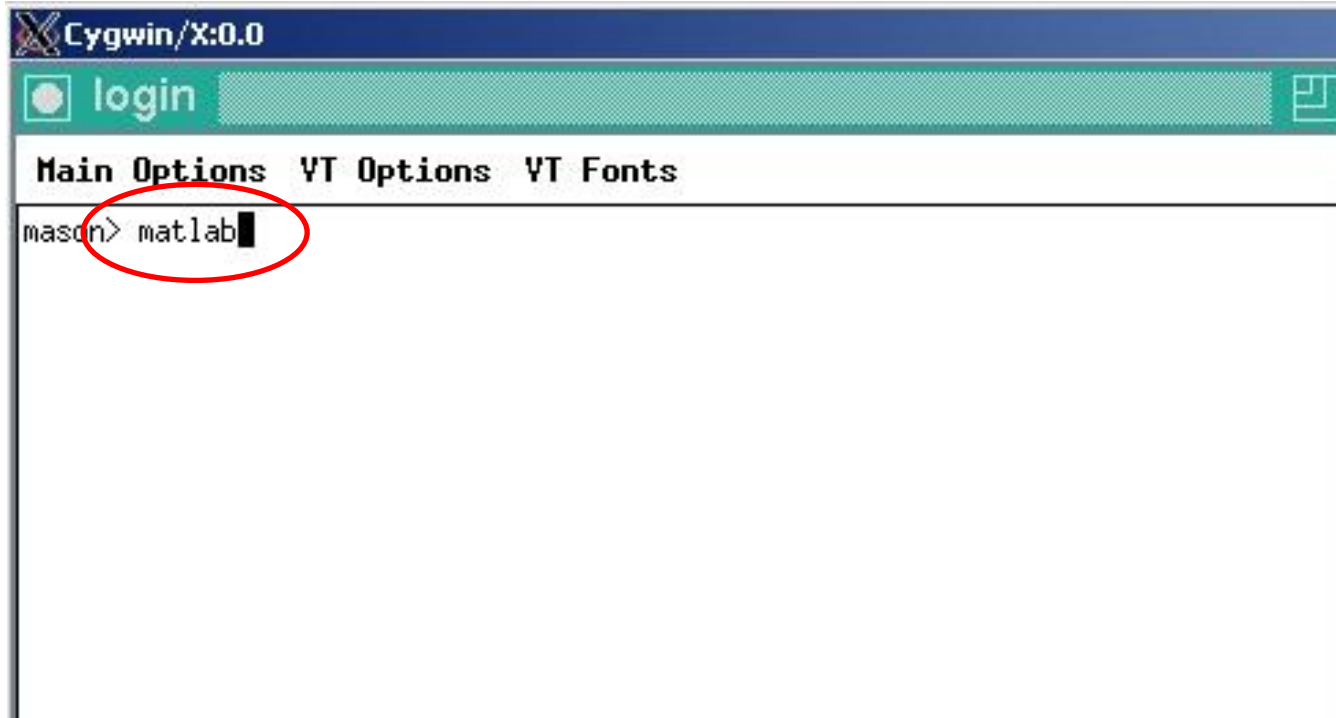
```
bash-4.1$ ssh jmarr2@mason.gmu.edu
```

```
-----  
| This system is for the use of authorized users only.  
| Individuals using this computer system without authority, or in  
| excess of their authority, are subject to having all of their  
| activities on this system monitored and recorded by system  
| personnel.  
|  
| In the course of monitoring individuals improperly using this  
| system, or in the course of system maintenance, the activities  
| of authorized users may also be monitored.  
|  
| Anyone using this system expressly consents to such monitoring  
| and is advised that if such monitoring reveals possible  
| evidence of criminal activity, system personnel may provide the  
| evidence of such monitoring to law enforcement officials.  
|-----
```

Below the warning text, the prompt "Password:" is displayed with a black square indicating the password input field.

# Logging in Remotely, Using CygWinX for Windows

Finally, enter the single word command, “matlab”

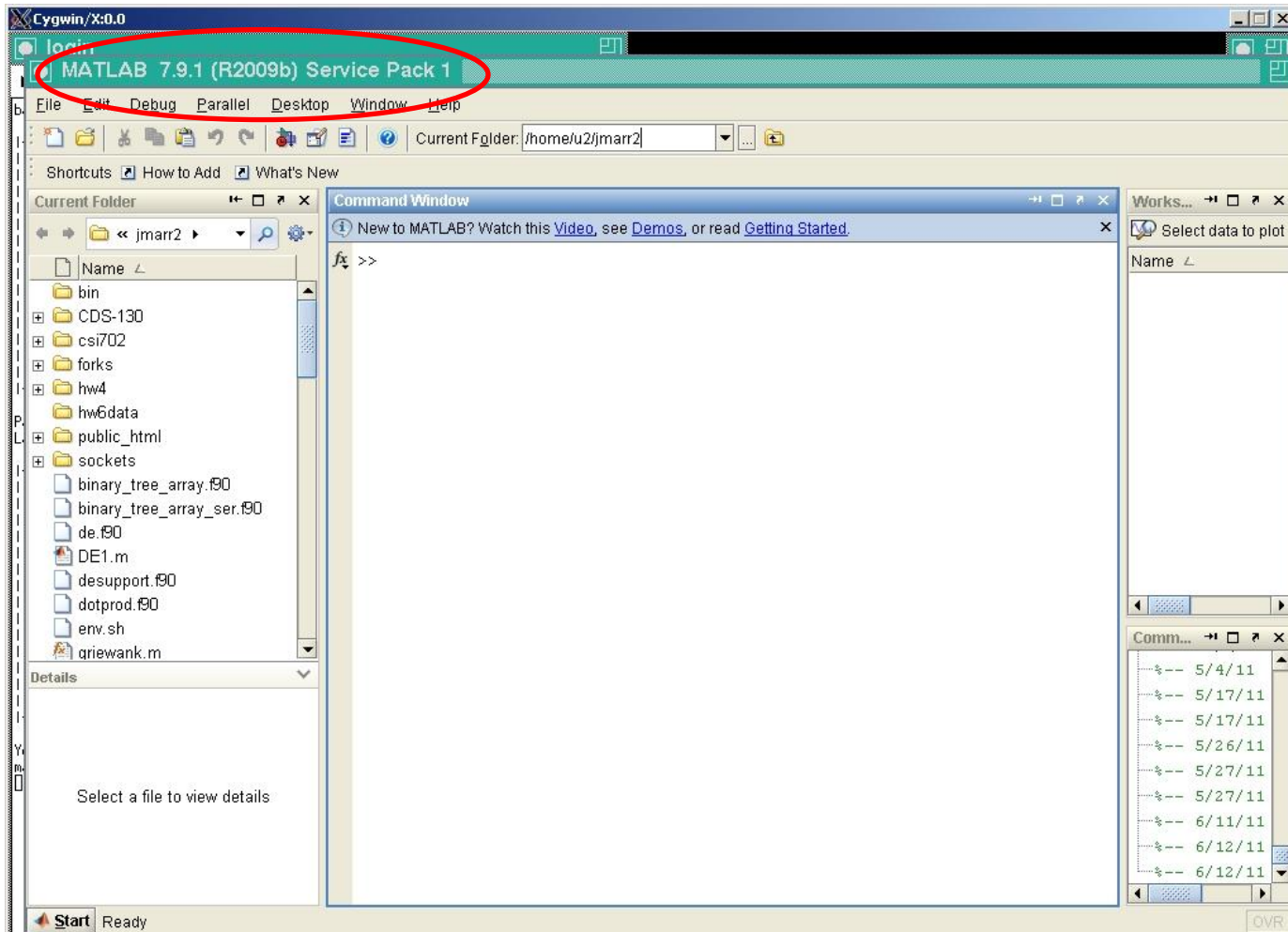


The image shows a screenshot of a Cygwin terminal window. The title bar at the top reads "Cygwin/X:0.0". Below the title bar is a green header area with the word "login" on the left and a square icon on the right. Underneath the header, there are three menu items: "Main Options", "VT Options", and "VT Fonts". The main area of the terminal shows the prompt "mason>" followed by the command "matlab" which is currently being typed, with a black cursor at the end of the word. A red circle is drawn around the "matlab" text.

```
mason> matlab
```

# Logging in Remotely, Using CygWinX for Windows

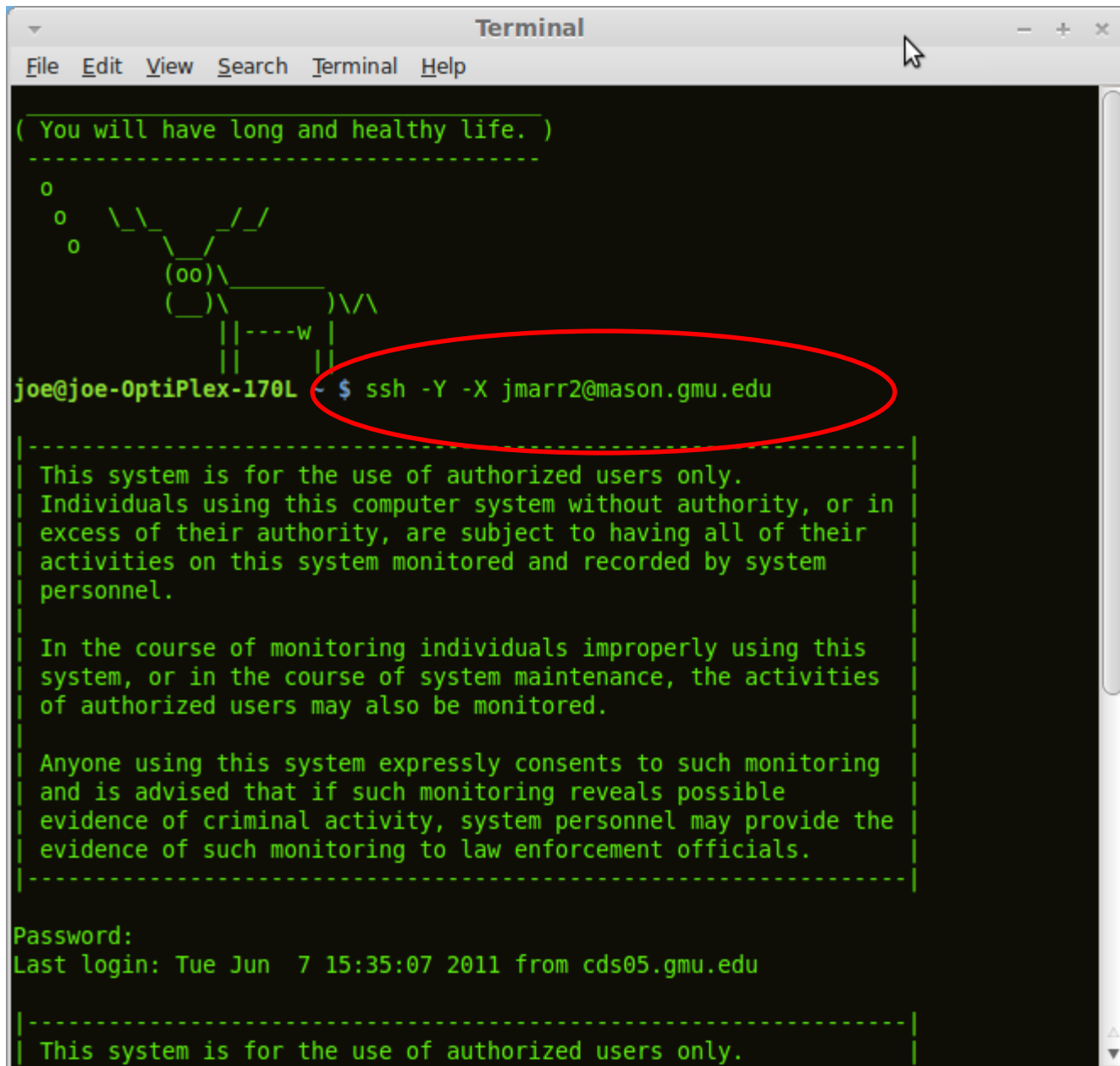
You've now logged into Matlab, which is presented through the Xwindows interface. Note that the version of Matlab available here is NEWER than the one available through VCL!





# **Logging in Remotely, Using LINUX**

# Logging in Remotely, Using Linux



```
Terminal
File Edit View Search Terminal Help

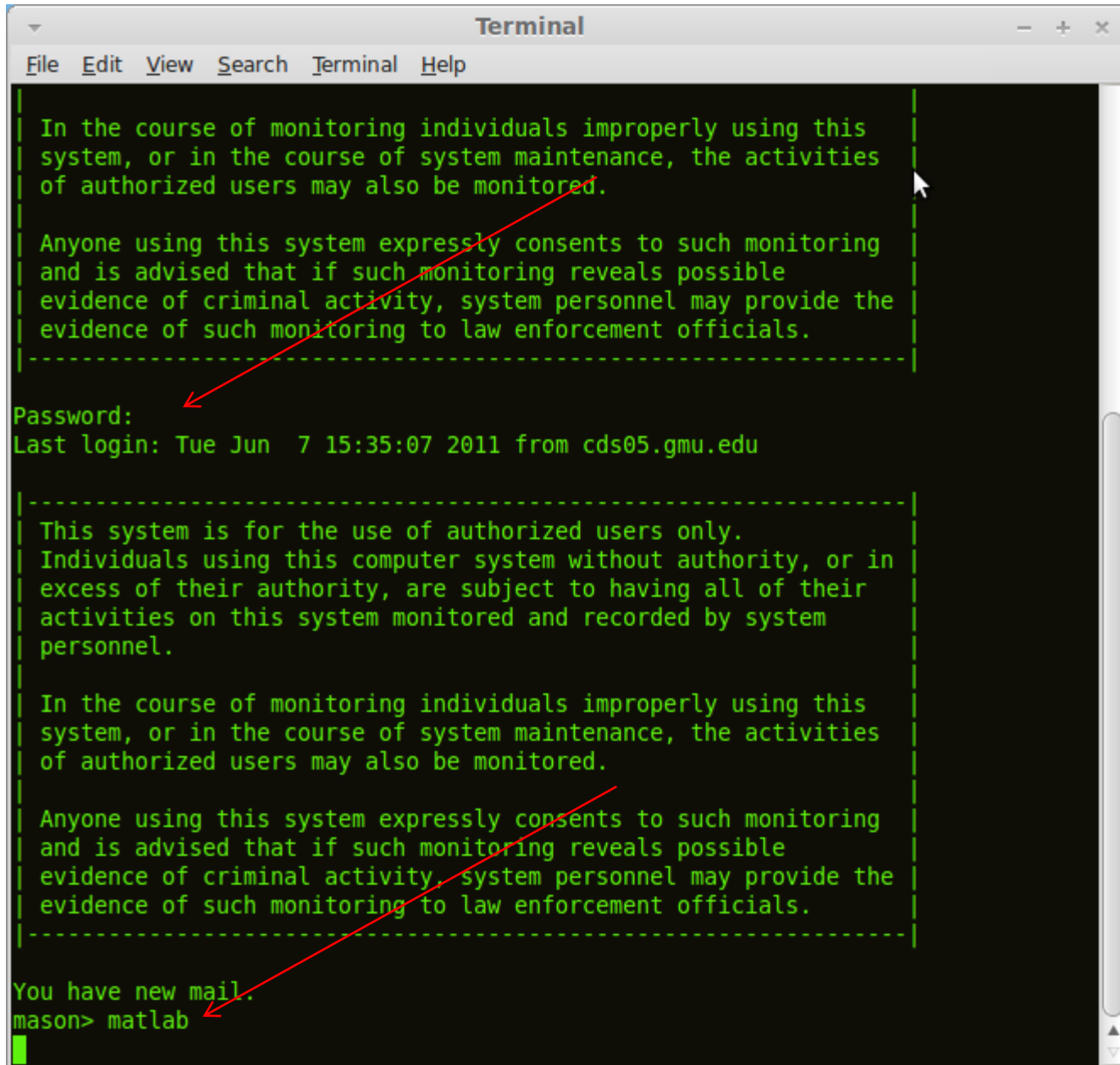
( You will have long and healthy life. )
-----
o
o  \ \  / \ /
o   \ \  / \ /
      (oo)\
      ( )\ )\ \
          ||---w||
          ||   ||

joe@joe-OptiPlex-170L ~ $ ssh -Y -X jmarr2@mason.gmu.edu

-----
| This system is for the use of authorized users only.
| Individuals using this computer system without authority, or in
| excess of their authority, are subject to having all of their
| activities on this system monitored and recorded by system
| personnel.
|
| In the course of monitoring individuals improperly using this
| system, or in the course of system maintenance, the activities
| of authorized users may also be monitored.
|
| Anyone using this system expressly consents to such monitoring
| and is advised that if such monitoring reveals possible
| evidence of criminal activity, system personnel may provide the
| evidence of such monitoring to law enforcement officials.
|-----
Password:
Last login: Tue Jun  7 15:35:07 2011 from cds05.gmu.edu

|-----
| This system is for the use of authorized users only.
|-----
```

# Logging in Remotely, Using Linux



The image shows a terminal window titled "Terminal" with a menu bar containing "File", "Edit", "View", "Search", "Terminal", and "Help". The terminal output is as follows:

```
In the course of monitoring individuals improperly using this
system, or in the course of system maintenance, the activities
of authorized users may also be monitored.

Anyone using this system expressly consents to such monitoring
and is advised that if such monitoring reveals possible
evidence of criminal activity, system personnel may provide the
evidence of such monitoring to law enforcement officials.
-----

Password:
Last login: Tue Jun  7 15:35:07 2011 from cds05.gmu.edu

-----

This system is for the use of authorized users only.
Individuals using this computer system without authority, or in
excess of their authority, are subject to having all of their
activities on this system monitored and recorded by system
personnel.

In the course of monitoring individuals improperly using this
system, or in the course of system maintenance, the activities
of authorized users may also be monitored.

Anyone using this system expressly consents to such monitoring
and is advised that if such monitoring reveals possible
evidence of criminal activity, system personnel may provide the
evidence of such monitoring to law enforcement officials.
-----

You have new mail.
mason> matlab
```

Two red arrows point to the "Password:" prompt and the "mason> matlab" command line.

# Logging in Remotely, Using Linux

You're now logged in, using Linux's native Xwindows capability.

Note that the version of Matlab available here is NEWER than the one available via VCL!

