

OBJECTIVES	Windows XP GUI Linux GUI & shell
DUE DATE	End of Week 4 lab class
SUBMISSION	Take screenshots after you have completed each step. Once you are finished, show your screenshots to the instructor.
EVALUATION	2% of final mark. This lab is marked out of 20.
MATERIALS	* Hard drive & eSATA enclosure (“caddy”) * Windows XP & VMware installed on caddy * Ubuntu 8.10 virtual machine installed on caddy
NOTES	Read the instructions. Don't be afraid to ask for help.
QUOTE OF THE DAY	<i>"Let's face it, the average computer user has the brain of a Spider Monkey." (Bill Gates, 2000)</i>

RULES FOR LAB CLASSES

The College takes no responsibility for damaged student drives and damaged computer systems — the student takes complete responsibility for damage caused by negligence or inattention to the lab systems.

Please take time as well to read the Lab Use Policy which is posted on the wall next to the door. If you violate lab policy you will be asked to leave, regardless of whether you have completed your work. Repeated violations will see you banned from the lab entirely.

Some (but not all) things that are banned:

- Food & drink
- Watching movies
- Watching tv shows
- Watching video clips (YouTube etc...)
- Computer games
- Chatting online
- Using P2P software, Bittorrent, etc...

LAB 3 INSTRUCTIONS

READ THE ENTIRE LAB BEFORE YOU START.

A number of the questions which follow ask you to take a screenshot of what is displayed on the screen. Each screenshot must be saved as a file. When you have finished, you must show all your screenshots to the instructor.

Windows Activities

Q1. (1 mark) Boot and log into Windows XP on your caddy. Take a screenshot of the Windows XP desktop after you have logged in, by pressing the **Print Scrn** button on your keyboard. This takes a screenshot which is copied to the system clipboard. To save it as a file, you must first open the Microsoft Paint application.

Do this by clicking on

Start -> All Programs -> Accessories -> Paint. Paste the image into the Paint application by selecting **Edit -> Paste** from the menu. Then save the file by selecting **File -> Save As** from the menu. Give the file a name like **lab3XX1.jpg**, where **XX** are your initials. Make sure to select **JPEG** in the drop-down box labelled **Save as type**. Save the file in your **My Pictures** folder. Close the Paint application once you have finished with it.



Fig. 1. Microsoft Paint

Q2. (1 mark) The most basic help system available in Windows XP is **tooltips**, a minicontext help system that you activate by moving your mouse pointer over an object such as a button, icon, window border, or applet. When you do this, a brief explanation of the object is displayed.

A more sophisticated help system is the **Help and Support Center**. Locate the Help and Support Center in Windows XP, and take a screenshot. Save the screenshot as **lab3XX2.jpg**

Q3. (1 mark) Using Windows Explorer, display the contents of the C: drive. Take a screenshot of Windows Explorer after you have done this. Save the screenshot as **lab3XX3.jpg**

Q4. (1 mark) Using Windows Explorer, locate the file **C:\Program Files\Movie Maker\shared\empty.txt**. Display the contents of this text file in Notepad. Take a screenshot of Notepad after you have done this. Save the screenshot as **lab3XX4.jpg**. Close Notepad once you have finished.

Q5. (1 mark) Display the properties of the file **C:\Program Files\Movie Maker\shared\empty.txt** in a property sheet. Take a screenshot of the property sheet. Save the screenshot as **lab3XX5.jpg**.

Q6. (1 mark) Using Windows Explorer, locate the folder **C:\WINDOWS\Resources\Themes\Luna\Shell\Homestead** and list any files inside it. Take a screenshot of Windows Explorer after you have done this. Save the screenshot as **lab3XX6.jpg**

Q7. (1 mark) Create a new folder inside the folder **C:\WINDOWS\Resources\Themes** and call it **Solar**. Take a screenshot of the new subdirectory and save the screenshot as **lab3XX7.jpg**

Q8. (1 mark) Copy the file **C:\Program Files\Messenger\xpmsgsr.chm** to the **Solar** folder which you created earlier. Take a screenshot of the contents of the **Solar** folder and save the screenshot as **lab3XX8.jpg**

Q9. (1 mark) Delete the file **xpmsgsr.chm** in the directory **Solar**. Take a screenshot of the "Confirm File Delete" dialogue box and save the screenshot as **lab3XX9.jpg**. You can click **Yes** after taking the screenshot.

Q10. (1 mark) Delete the directory **Solar**. Take a screenshot of the "Confirm Folder Delete" dialogue box and save the screenshot as **lab3XX10.jpg**. You can click **Yes** after taking the screenshot.

Linux Activities

Q11. (2 marks) Load VMware and boot your Ubuntu virtual machine. Log in. You can take a screenshot in VMware by selecting the **VM -> Capture Screen...** option from the menu. Take a screenshot of your desktop now. By default the screenshot will be saved to your Windows desktop as a PNG file. You should rename the screenshot to **lab3XX11.png**, where **XX** are your initials.

Q12. (2 marks) Open a terminal emulator window. Take a screenshot of the terminal emulator window and save the screenshot as **lab3XX12.png**

Q13. (2 marks) The **man** utility is used to display pages from the system manual. In the terminal emulator window you have opened, use the **man** utility to display the system manual page for the **man** utility. Take a screenshot and save the screenshot as **lab3XX13.png**

Q14. (2 marks) An option modifies the way a utility or command works. In the terminal emulator window, use the **who** utility with an option to display the time of the last system boot. Take a screenshot and save it as **lab3XX14.png**

Q15. (2 marks) In the terminal emulator window, use the **date** command to display the name of the current day of the week (for example, “Tuesday”). Take a screenshot and save it as **lab3XX15.png**

BONUS QUESTION. (Optional – 1 mark) In the terminal emulator window, issue a command which will display the following output:

```
I'm sorry Dave, I'm afraid I can't do that.
```

Simply typing this phrase at the command line does not count.

Take a screenshot and save it as **lab3XXBONUS.png**

Note: You must have completed the rest of the lab in order to get a bonus mark for completing the bonus question. Lab marks cannot count for more than 40% of your total course mark, irrespective of any bonus marks.

- * CHECK ALL OF YOUR SCREENSHOTS TO MAKE SURE THEY ARE ACCURATE.
- * MOVE ALL YOUR SCREENSHOTS INTO A SINGLE DIRECTORY.
- * YOU WILL HAVE ONLY ONE OPPORTUNITY TO HAVE YOUR WORK EVALUATED.

Have you checked your screenshots? Good. You are now ready to have your work marked by the instructor.