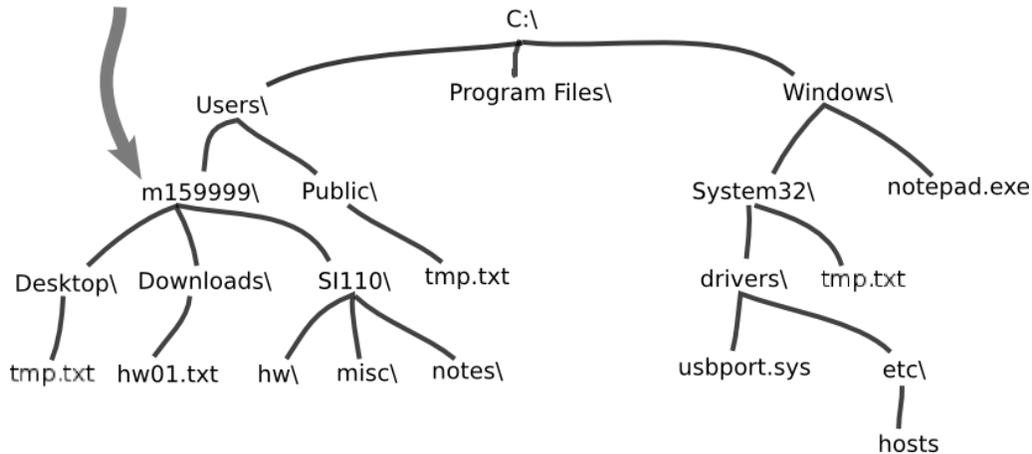


Hand in a printed copy of this with your answers.

Homework: /SI110/The Cyber Battlefield/Operating Systems

1. Use the filesystem hierarchy below. Assume the current directory is m159999.

Current directory at start of problem



- a. Circle the file **C:\Windows\System32\tmp.txt** on the diagram.
- b. What is the full path name for the file **usbport.sys** shown in the diagram?
- c. Write command(s) to change the current directory to **Desktop**:
- d. Write command(s) to **then** copy **hw01.txt** to the **Public** directory:
- e. Write commands to **then** show a directory listing of **SI110**:
- f. Write the command to **then** make a folder called **Temp** in the **Public** directory:
- g. If your current directory was **C:\Windows\System32\drivers** and you gave the command **cd ..\..** what directory would you then you be in?

2. List the names of all user accounts on your laptop:

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3. *Neatly and legibly* write the password to *your* account on *your* laptop:

_____ .

4. You didn't just answer question 3, did you ?

5. List all the drive letters and the devices to which they refer, for your laptop:

<u>Drive letter</u>	<u>Device name</u>
---------------------	--------------------

1.

2.

(etc)

6. In the shell command below, circle the command name, and draw a box around each of the command arguments.

```
netsh interface ipv4 set address name="Local Area Connection" source=dhcp
```

7. Create an organized directory hierarchy in your laptop's filesystem for SI110 materials!

- Done
- Not done

8. Why won't your operating system allow two files with the same name (including extension) to be stored in the same directory, while it does allow two files with the same name (including extension) to be stored in different directories?

9. A midshipman with username Jackson (not an administrator) logs into a computer and creates a text document on his desktop. Jackson leaves the room after logging off the computer. Shortly thereafter, a midshipman with username Smith (also not an administrator) logs into the same computer. Can Smith access the text document created by Jackson? If you answered yes, explain why. If you answered no, what would have to happen for the midshipman with username Smith to be able to read the text document?