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Course: CSCI 312 Principles of Programming Languages

Assignment Deadline: February 19, 2025

Question 1

Replace the TODO marker with the name of the corresponding directory:

1. **/tmp** stores transient files.
2. **/usr/bin** contains all the programs used by regular users.
3. **/home** is where each user is given a directory.
4. **/var** is where data that is likely to change is stored.
5. **/usr/share** contains shared data used by programs in **/usr/bin**.
6. **/usr/lib** contains shared libraries for programs in **/usr/bin**.
7. **/boot** contains scripts that start services at boot time.
8. **/proc** is a virtual filesystem maintained by the kernel.
9. **/root** is the home directory for the root account.
10. **/lib** contains shared library files used by core system programs.
11. **/sbin** contains “system” programs.
12. **/dev** contains device nodes.
13. **/** is the root directory.
14. **/opt** is used to install optional software.
15. **/boot** contains the kernel and boot loader.
16. **/var/log** contains log files.
17. **/usr/local** is where programs that are not included with your distribution yet intended for system-wide use are installed.
18. **/usr/sbin** contains programs for the system to run.
19. **/bin** contains executables installed by your distribution.

Question 2

What does Vim's dot command let us do? **Repeat the last change.**

Question 3

LCL p. 79 says “Table 9-1 lists the file types you are most likely to see (there are other, less common types too).” What are two of these “less common types”?

1. **Named pipe or ”p”.**
2. **Socket or ”s”.**

Question 4

What does the **x** attribute for a directory allow? **Allows the directory to be entered, like with the `cd` command.**

Question 5

What does the signal **SIGINT** do? **Interrupts and terminates a program.**

Question 6

What does the signal **SIGTSTP** do? **Terminal stop, it sends a signal for the program to stop but unlike **SIGINT** the program might choose to ignore it.**

Question 7

Replace the **TODO** marker with the name of the corresponding environment variable:

1. **HOME** is the pathname of your home directory.
2. **PS1** defines the contents of your shell prompt.
3. **EDITOR** is the name of the program for text editing.
4. **SHELL** is the name of your shell.
5. **USER** is your username.
6. **PAGER** is the name of the program for paging output.
7. **PWD** is the current working directory.
8. **DISPLAY** is the name of your display.

Question 8

Vim is a modal editor. List four modes:

1. **Normal**
2. **Insert**
3. **Command Line**
4. **Visual**

Question 9

How does the buffer list differ from the argument list in Vim? **The argument list is a controlled list. Vim automatically adds opened files to the buffer list, but the argument list needs you to add files in manually.**

Question 10

How do real lines differ from display lines in Vim? **In Vim, real lines refer to the actual line in the file, whereas the display line refers to the line as displayed by the Vim editor.**

Question 11

Click [HERE](#) and make the selections for your row in the survey.