2Q. What is the difference between the source and sh commands?

Source command - used to execute commands from a file within the current shell session.

Sh command - sh command create an instance of new shell and all the changes are done on that shell

3Q.Create two files “a.txt” and “b.txt”. Write a command to get the difference between the contents in two files.

kalashbharti@Kalashs-MacBook-Air sample % diff a.txt b.txt

1c1

< file 1 content 1

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> file 2 content 2

4Q. What is the difference between ls and lsof?

ls - command is used to list directory contents. It shows information about files and directories within a specified directory.

lsof - command stands for "list open files". It is used to list information about files that are opened by processes running on the system.

5Q. Create directories ./hello/world (World dir is inside hello dir) using mkdir command where neither hello or world exists. It should be a single command without the use of &&.

kalashbharti@Kalashs-MacBook-Air sample % mkdir -p ./hello/world

6Q. How can you permanently set an environment variable using a bash terminal?

kalashbharti@Kalashs-MacBook-Air ~ % export MY\_VAR=26

kalashbharti@Kalashs-MacBook-Air ~ % echo $MY\_VAR

26

7Q. You have some process running on a port in your system. How can you view and then kill the process from the terminal?

kalashbharti@Kalashs-MacBook-Air ~ % ps aux

kalashbharti@Kalashs-MacBook-Air ~ % pkill Safari