*OPERATING SYSTEM*

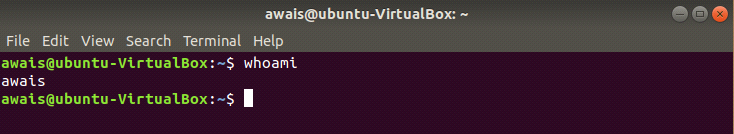
LAB NO 1

NAME: MUHAMMD AWAIS BIN MAJID

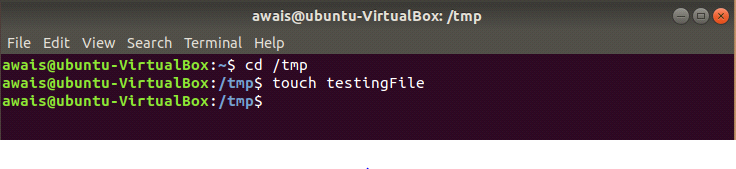
ROLL NO: BSEF17A535

**----- (BASIC COMMAN SHELL) -----**

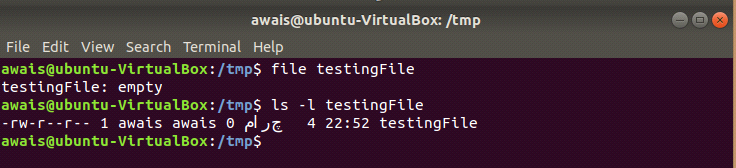
1- “whoami” is used to display the username.



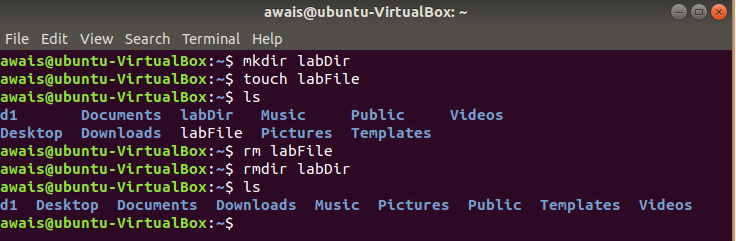
2- Creating file in tmp directory.



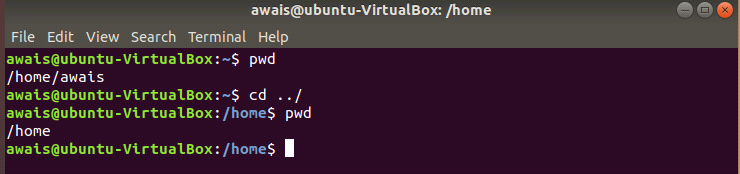
3- Checking the type and info of file.



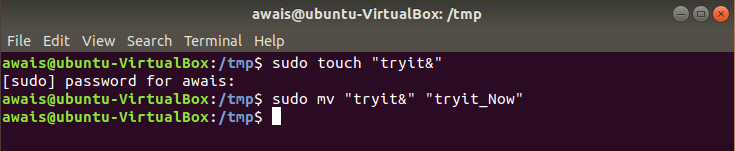
4- “rm” is used to remove /delete a file. On the other hand, “rmdir” is used to remove/delete a directory.



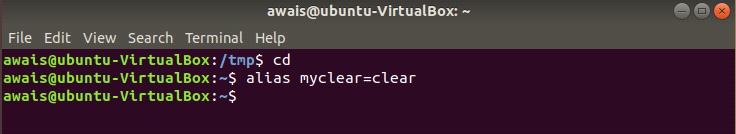
5- “cd ../ ” or cd /home commands are used to go back to home directory directly.



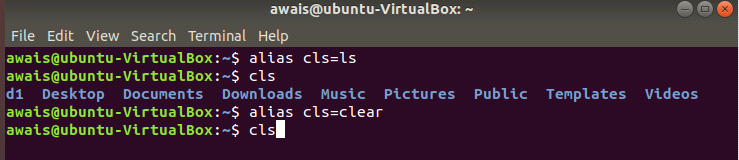
6- “mv ” command is used to rename a file.



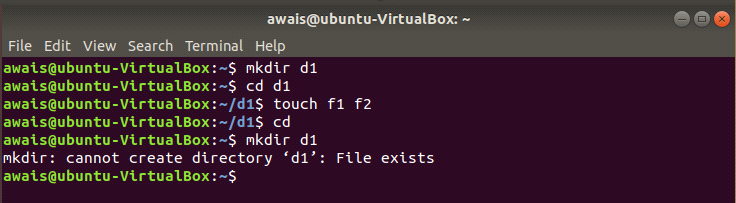
7- “alias “ command is used to assign another name to a command.



8- (part-a) Output:

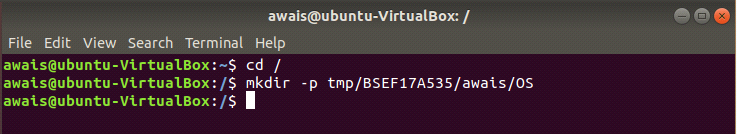


(part-b) Output:

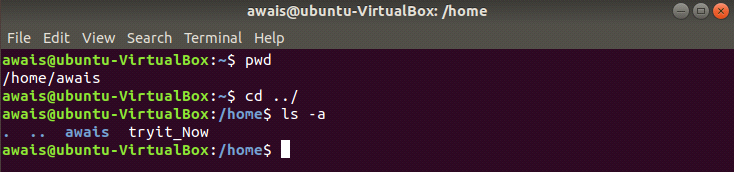


**----- (QUESTIONS) -----**

1- Single command used to make three directories:



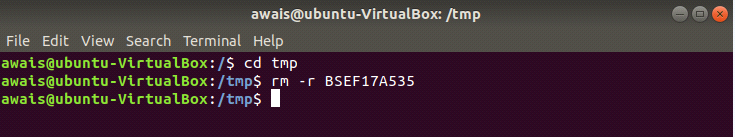
2- “ls –a “ command is used to display hidden files .



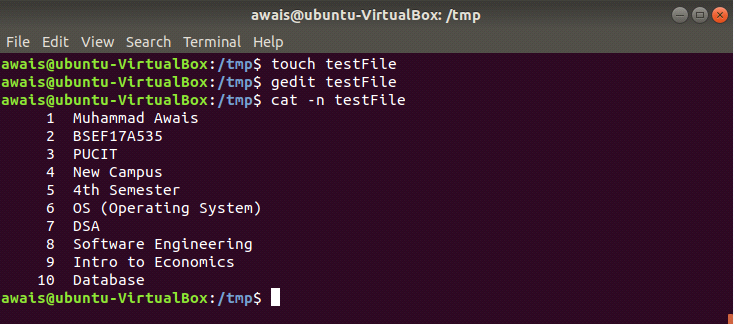
3- Method 1: rmdir /tmp/BSEF17A535/awais/Os

Method 2: step I: cd tmp

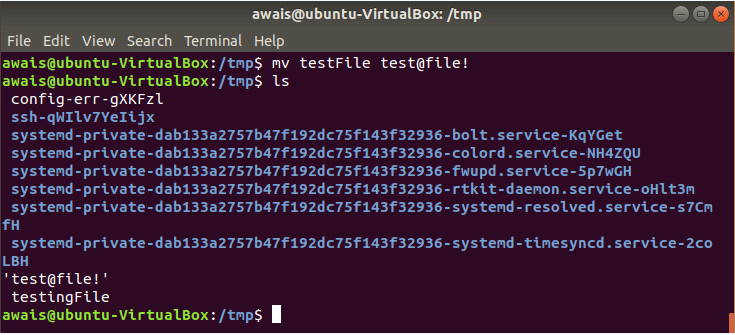
Step II: rm –r BSEF17A535



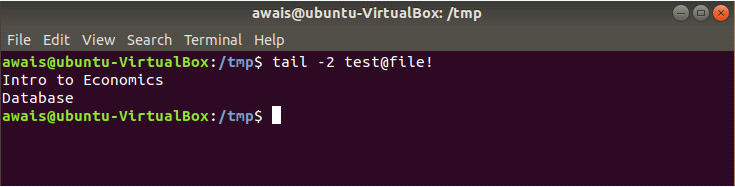
4- “ touch “ , “ gedit “ and “ cat –n “ commands are used in this case:



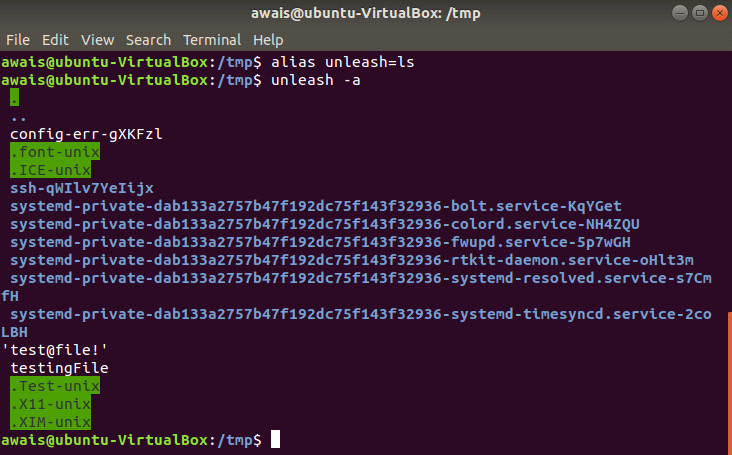
5- “ mv “ command is used to rename the file.



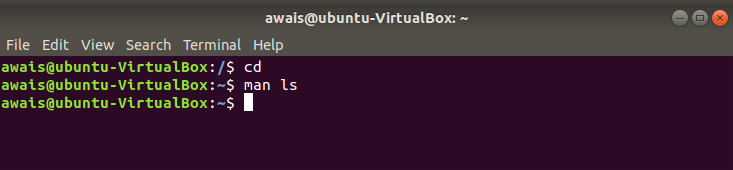
6- “ tail -2 “ command is used to display last two lines of a file.



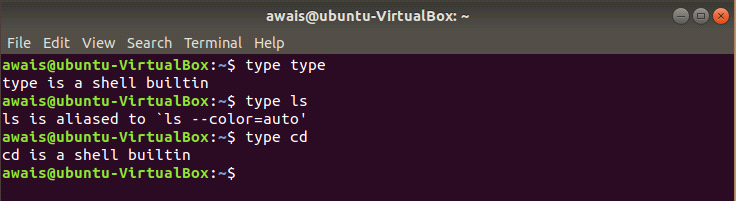
7- “ alias ” is used t assign another name to a command.



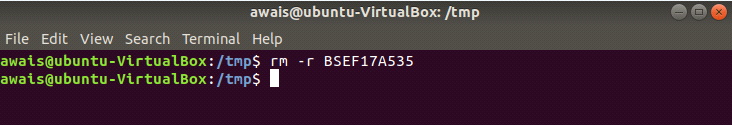
8- “ man ls “ command is used to display command details.



9- “ type “ is used to see whether type is an internal command or not.

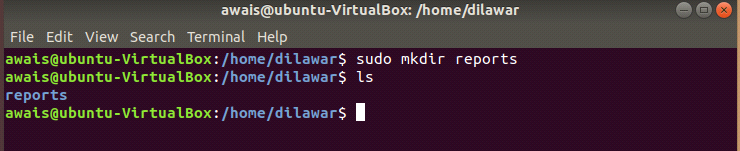


10- “ em –r “ command is used to delete/remove directory instead of rmdir command.

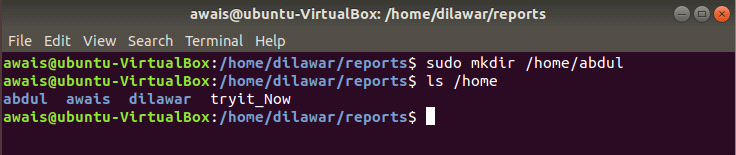


**----- (ABSOLUTE & RELATIVE PATH) -----**

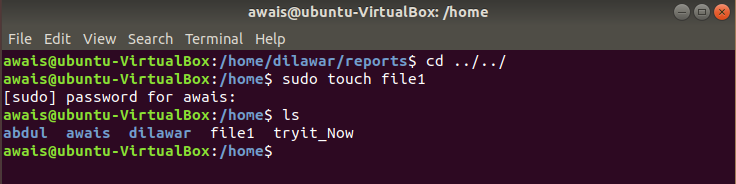
1- creating reports directory in dilawar using single command:



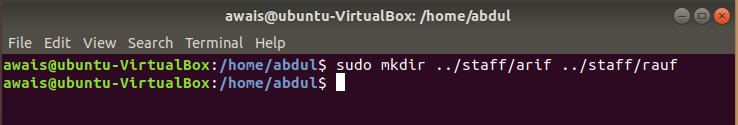
2- creating abdul directory in home:



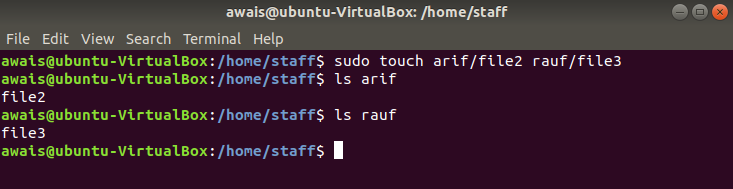
3- - Creating file “file1” in abdul using relative path (pwd reports)



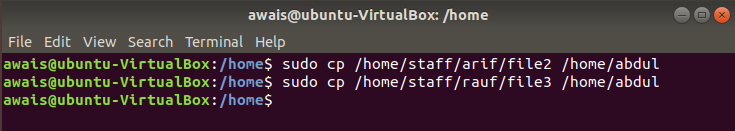
4- - Creating directory arif and rauf in staff using relative path (pwd abdul)



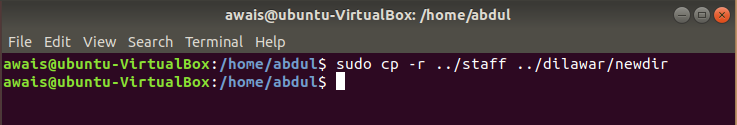
5- - Create file2 and file3 (pwd staff)



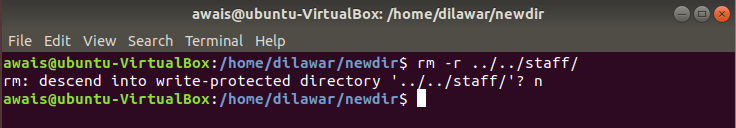
6- Coping file2 and file3 in “abdul directory” using absolute path



7- Copying the staff directory including its subdirectories in new directory “dilawer/newdir” (pwd abdul)”



8- Removing directory staff using relative path (pwd newdir)



9- Renaming file2 in newdir with reFile2 (pwd newdir).

