Name:Syed Muhammmad Sovaid Shah

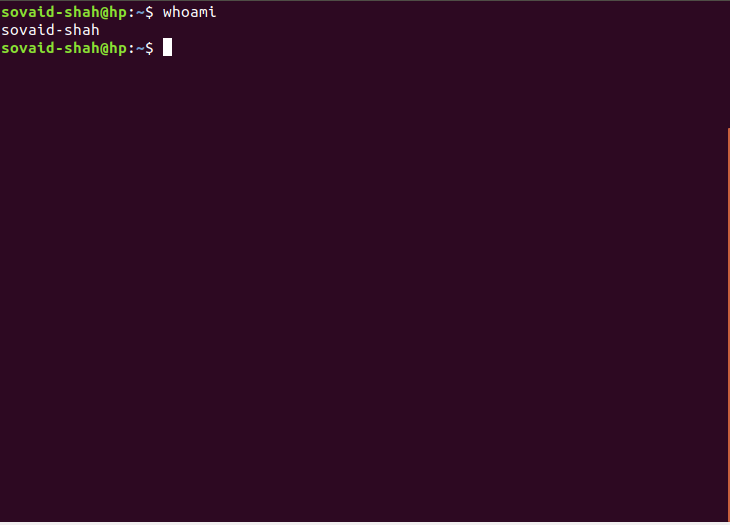
Roll No :BSEF17A525

OS LAB 01

BASIC SHELL COMMANDS

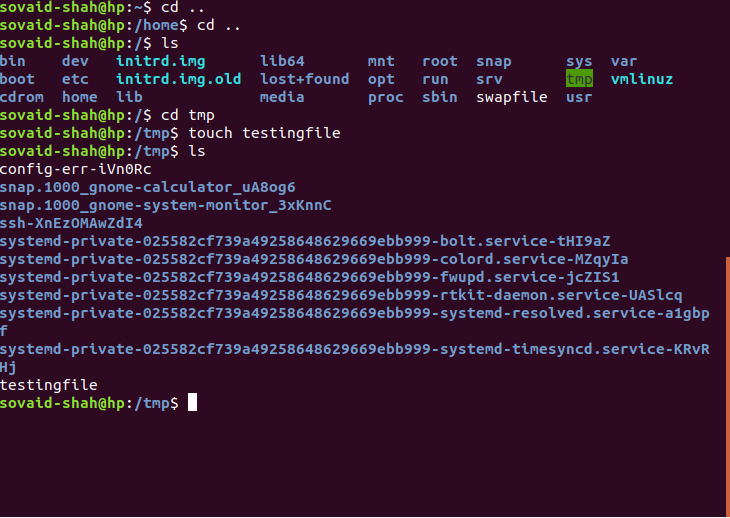
Task 1

With help of whoami



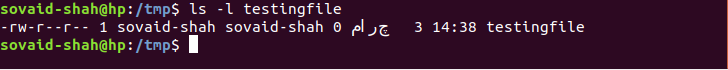
Task 2:

Using touch Filename



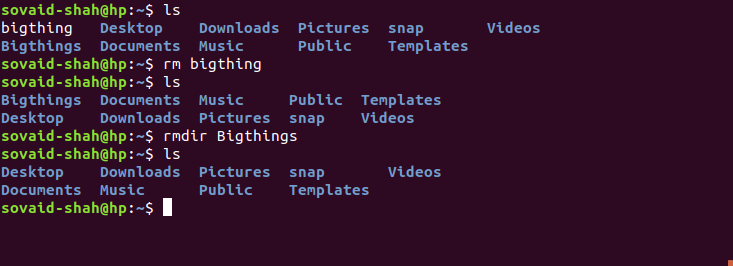
Task 3

Using ls -l to check info on file



Task 4

Rm to delete a file while rm -r to delete a occupied directory and rmdir to delete an empty directory



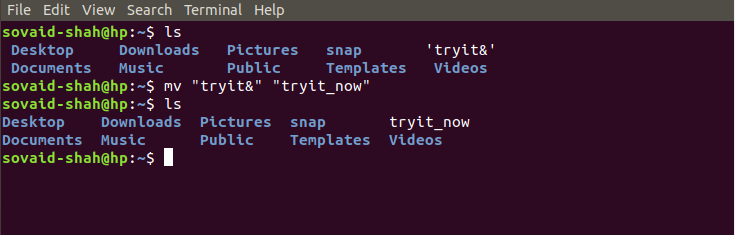
Task 5

cd /home to go directly to home directory

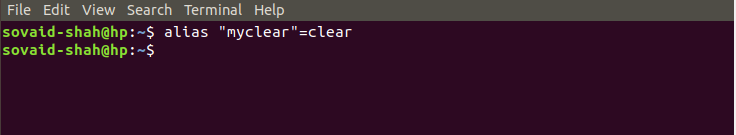


Task 6

Mv to rename a file from tryit& to tryit\_now

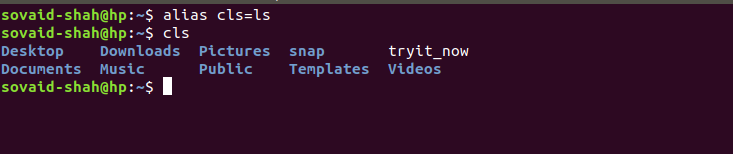


Task 7

Alias myclear=clear to give another name to clear command

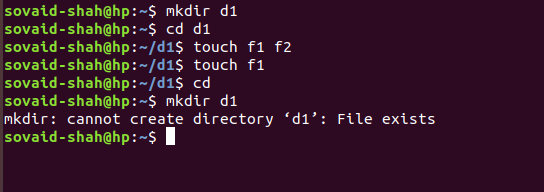
Task 8(a)

Output will be showing of directories present in the home



Task 8(b)

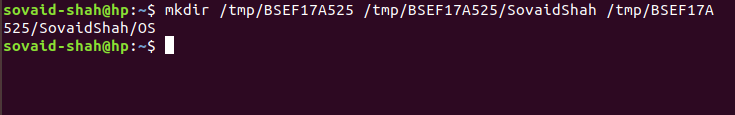
Output will be that we can’t create directories with same name



QUESTIONS(2)

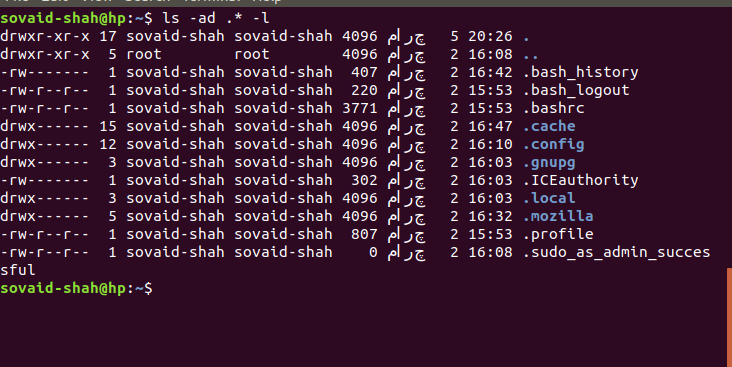
Task 1

Mkdir /tmp/BSEF17A525 /tmp/BSEF17A525/SovaidShah /tmp/BSEF17A525/SovaidShah/OS to make three directories and sub directories

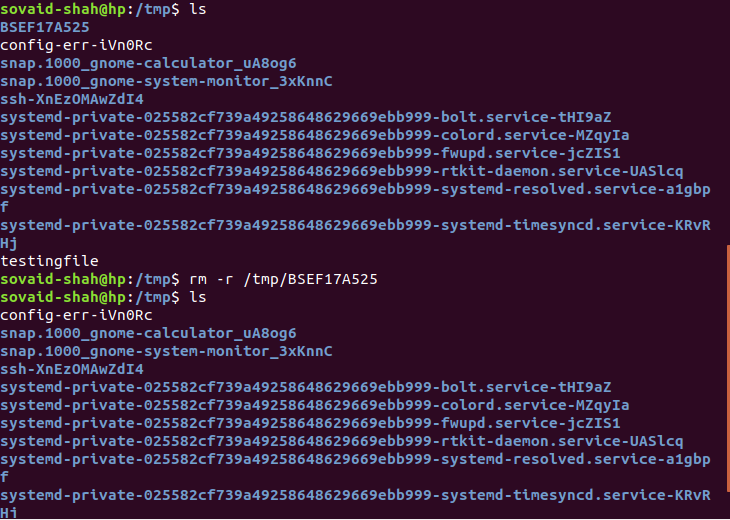


Task 2

Ls -ad .\* -l to display hidden files

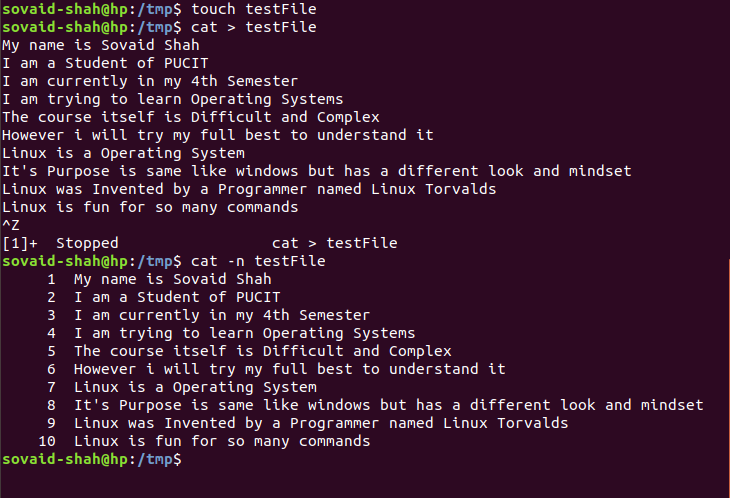


Task 3

Rm -r/tmp/BSEF17A525 to delete directories and their respective sub directories and rmdir /tmp/BSEF17A525/SovaidShah/OS /tmp/BSEF17A525/SovaidShah /tmp/BSEF17A525

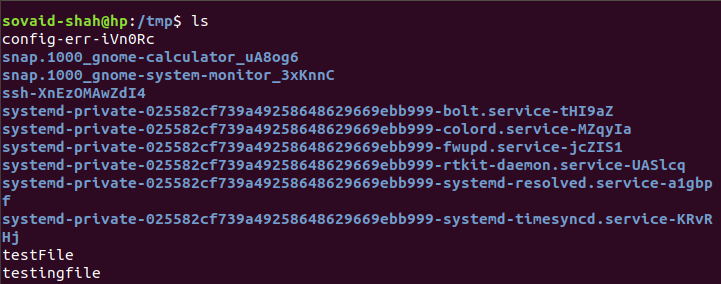
Task 4

Cat > testFile to write files and Ctrl+Z to end writing then cat -n testFile to check no of lines with text



Task 5

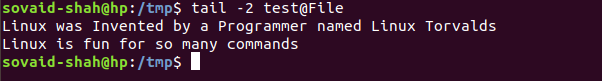
Mv testFile test@File to rename and no it doesn’t exist anymore



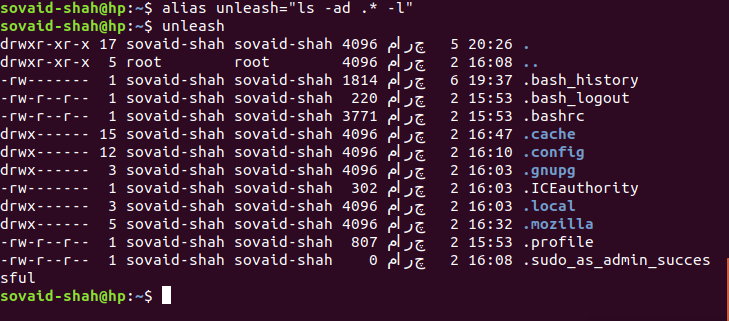


Task 6

Tail -2 testFile to display last 2 lines of file



Task 7

Alias unleash =ls -ad .\* -l to make unleash a command to display hidden files

Task 8

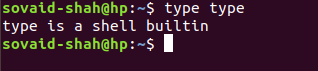
Use man “command name” e.g

man sudo .Can’t display all of it as it shows much amount of manual



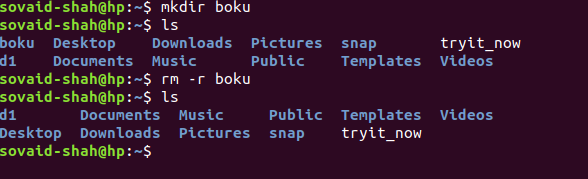
Task 9

Type type shows it’s a builtin so it is a internal Command



Task 10

Rm -r directory name to remove directory

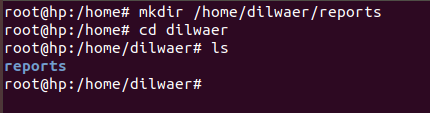


QUESTIONS

Absolute Path

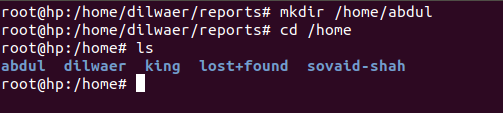
Task 1

Mkdir/home/dilwaer/reports to make directory in dilwaer(pwd home)



Task 2

Mkdir/home/abdul to make abdul in home(pwd reports)



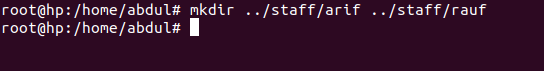
Task 3

Touch ../../abdul/dile1 to make file1 in abdul(pwd reports)



Task 4

Mkdir../staff/arif ../staff/rauf to make arif and rauf directories in staff(pwd abdul)



Task 5

Touch arif/file2 rauf/file3 to make file2 and file3 in arif and rauf (pwd staff)



Task 6

Cp function used to copy file2 and file 3 to abdul directory(pwd staff)



Task 7

Cp -r../staff/ ../dilwaer/newdir/ to copy staff directory with it’s subdirectories to newdir directory(pwd abdul)



Task 8

Rm -r../../staff to remove staff with its subdirectories(pwd newdir)



Task 9

Mv command to rename file2 to refile2

