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Roll no: BSEF17A502

Instructions:

1. **"whoami"** command is used to see username.

2. "**Touch**" command is used.

3. **"ls -l testingFile"** command is used.

4. **"rm"** is used to remove file(s) and **"rmdir"** is used to remove empty directories.

```
zeeshan@Haier-PC: ~
zeeshan@Haier-PC:~/temp$ rm testingFile
zeeshan@Haier-PC:~/temp$ cd ..
zeeshan@Haier-PC:~$ rmdir temp
zeeshan@Haier-PC:~$
```

5. **"cd /home"** is used.

```
zeeshan@Haier-PC: /home
zeeshan@Haier-PC:~$ cd /home
zeeshan@Haier-PC:/home$
```

6. **"mv"** command is used for this.

```
zeeshan@Haier-PC: /tmp
zeeshan@Haier-PC:/tmp$ touch "tryit&"
zeeshan@Haier-PC:/tmp$ ls
'tryit&'
zeeshan@Haier-PC:/tmp$ mv "tryit&" "tryit_now"
zeeshan@Haier-PC:/tmp$ ls
tryit_now
zeeshan@Haier-PC:/tmp$
```

7. **"alias"** command is used to duplicate a command with another name.

```
zeeshan@Haier-PC: /tmp
zeeshan@Haier-PC:/tmp$ alias myClear=clear
zeeshan@Haier-PC:/tmp$
```

8.

```
zeeshan@Haier-PC:/$ alias cls=clear
zeeshan@Haier-PC:/$
```

```
zeeshan@Haier-PC:/$
```

```
zeeshan@Haier-PC:/$ alias cls=ls
zeeshan@Haier-PC:/$ cls
bin  boot  dev  etc  home  init  lib  lib64  media  mnt  opt  proc  root  run  sbin  snap  srv  sys  tmp  usr  var
zeeshan@Haier-PC:/$
```

```
zeeshan@Haier-PC:/tmp$ mkdir d1
zeeshan@Haier-PC:/tmp$ cd d1
zeeshan@Haier-PC:/tmp/d1$ touch f1 f2
zeeshan@Haier-PC:/tmp/d1$ touch f1
zeeshan@Haier-PC:/tmp/d1$ cd
zeeshan@Haier-PC:~$ mkdir d1
zeeshan@Haier-PC:~$
```

Question:

1) **'mkdir /tmp/Bsef17a502 /tmp/Bsef17a502/Zeeshan /tmp/Bsef17a502/Zeeshan/OS'** this single command is used to create three directories.

```
zeeshan@Haier-PC:/tmp$ mkdir BSEF17A502 BSEF17A502/Zeeshan BSEF17A502/Zeeshan/OS
zeeshan@Haier-PC:/tmp$ cd BSEF17A502/Zeeshan/OS
zeeshan@Haier-PC:/tmp/BSEF17A502/Zeeshan/OS$ pwd
/tmp/BSEF17A502/Zeeshan/OS
zeeshan@Haier-PC:/tmp/BSEF17A502/Zeeshan/OS$
```

2) "**ls -ld .?*"** is used.

```
zeeshan@Haier-PC: ~
zeeshan@Haier-PC:~$ ls -ld .?*
drwxr-xr-x 1 root     root     4096 Feb 26 15:02 ..
-rw------- 1 zeeshan zeeshan 1513 Mar  5 07:13 .bash_history
-rw-r--r-- 1 zeeshan zeeshan  220 Feb 26 15:02 .bash_logout
-rw-r--r-- 1 zeeshan zeeshan 3771 Feb 26 15:02 .bashrc
-rw-r--r-- 1 zeeshan zeeshan  807 Feb 26 15:02 .profile
-rw-r--r-- 1 zeeshan zeeshan    0 Feb 26 15:03 .sudo_as_admin_successful
zeeshan@Haier-PC:~$
```

3) Following are two methids

   a) rmdir /tmp/Bsef17a502/Zeeshan/OS/ /tmp/bsef17a502/Zeeshan/ /tmp/Bsef17a502

   b) rm –r /tmp/Bsef17a502

```
zeeshan@Haier-PC: /tmp
zeeshan@Haier-PC:/tmp$ rmdir /tmp/BSEF17A502/Zeeshan/OS/ /tmp/BSEF17A502/Zeeshan /tmp/BSEF17A502
zeeshan@Haier-PC:/tmp$ ls
d1
zeeshan@Haier-PC:/tmp$
```

4) **"cat>testFile"** is used.

```
zeeshan@Haier-PC: /tmp

zeeshan@Haier-PC:/tmp$ cat>testFile
Hello
My name is Zeeshan
I live in lahore
I love my country
This is OS lab assignment
It is very interesting course
Thhis course teaches foundamentals of OS and computer architeture
I will master linux in this course
Thanks

zeeshan@Haier-PC:/tmp$ cat -n testFile
     1  Hello
     2  My name is Zeeshan
     3  I live in lahore
     4  I love my country
     5  This is OS lab assignment
     6  It is very interesting course
     7  Thhis course teaches foundamentals of OS and computer architeture
     8  I will master linux in this course
     9  Thanks
    10
zeeshan@Haier-PC:/tmp$
```

5) **Yes.** It exists.

```
zeeshan@Haier-PC: /tmp

zeeshan@Haier-PC:/tmp$ mv testFile test@file
zeeshan@Haier-PC:/tmp$ ls
d1   test@file
zeeshan@Haier-PC:/tmp$
```

6) "**Tail**" command is used.

```
zeeshan@Haier-PC: /tmp

zeeshan@Haier-PC:/tmp$ tail -2 test@file
Thanks

zeeshan@Haier-PC:/tmp$
```

7)

8) I use **"help"** command.

9) It's internal command.

10) Use **"rm -r dir_name"** to remove directory.