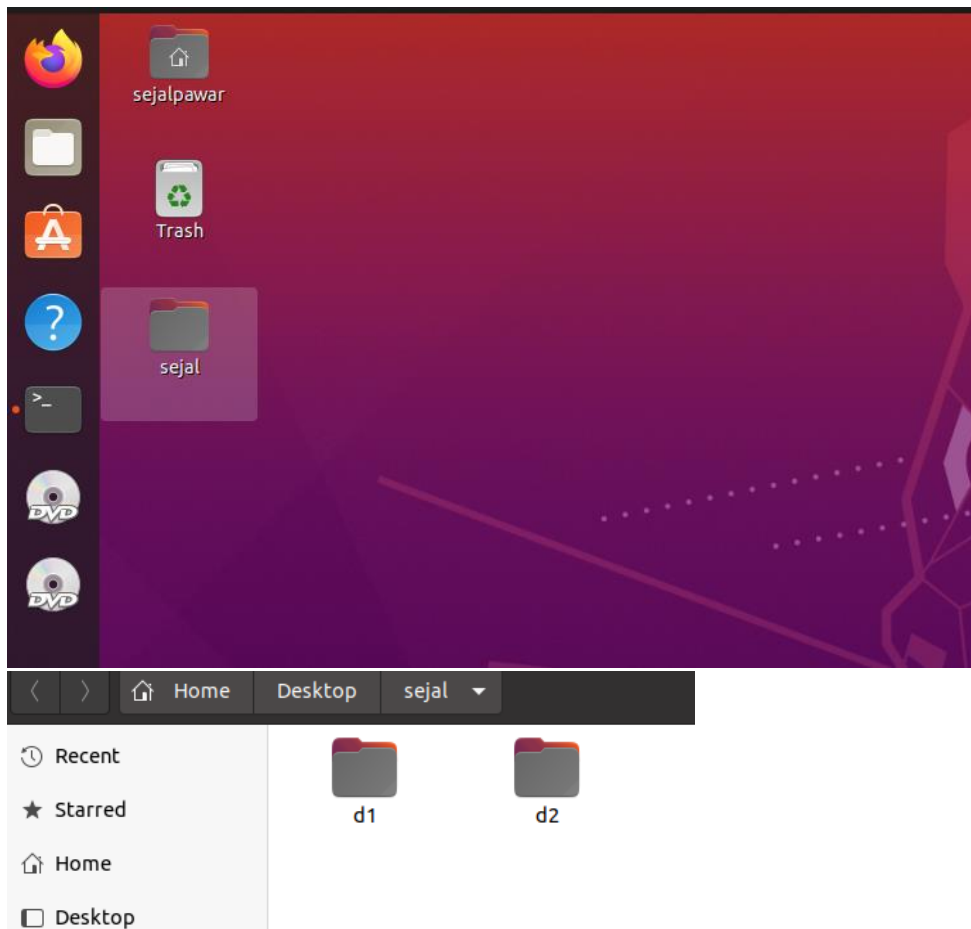


Experiment No. 6

Aim: Backing up and restoring files: Selecting backup strategy, Magnetic tape, Writable CD's, Backing up hard drive, Backing up files with dump, Automating back up, Restoring backed up files.

1. Create folder on desktop and create 2 folders in it:



2. Create an uncompressed tar archive of files:

```
sejalpawar@ubuntu:~/Desktop$ tar cvf new.tar sejal  
sejal/  
sejal/d1/  
sejal/d2/  
sejalpawar@ubuntu:~/Desktop$
```

3. Viewing the archive using option -tfv:

```
sejalpawar@ubuntu:~/Desktop$ tar tfv new.tar  
drwxrwxr-x sejalpawar/sejalpawar 0 2023-05-11 02:00 sejal/  
drwxrwxr-x sejalpawar/sejalpawar 0 2023-05-11 02:00 sejal/d1/  
drwxrwxr-x sejalpawar/sejalpawar 0 2023-05-11 02:00 sejal/d2/  
sejalpawar@ubuntu:~/Desktop$
```

4. Extracting files from archive using option -xvf:

```
sejalpawar@ubuntu:~/Desktop$ tar xvf new.tar  
sejal/  
sejal/d1/  
sejal/d2/  
sejalpawar@ubuntu:~/Desktop$
```

5. Option -czfv:

```
sejalpawar@ubuntu:~/Desktop$ tar czfv new.tar.gz sejal
sejal/
sejal/d1/
sejal/d2/
sejalpawar@ubuntu:~/Desktop$
```

6. Option rm (to remove files from archive) and list those files:

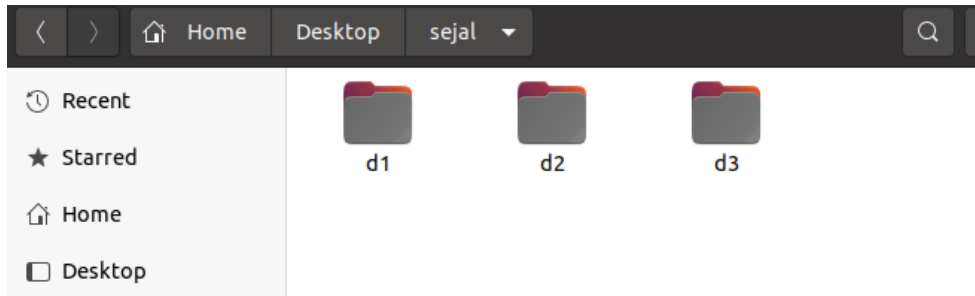
```
sejalpawar@ubuntu:~/Desktop$ rm -rf new
sejalpawar@ubuntu:~/Desktop$ ls
new.tar new.tar.gz sejal
sejalpawar@ubuntu:~/Desktop$
```

7. To extract the files in an archived form and listing them:

```
sejalpawar@ubuntu:~/Desktop$ tar -xvf new.tar.gz
sejal/
sejal/d1/
sejal/d2/
sejalpawar@ubuntu:~/Desktop$ ls
new.tar new.tar.gz sejal
sejalpawar@ubuntu:~/Desktop$
```

8. Changing directory to working folder and creating a new folder:

```
sejalpawar@ubuntu:~/Desktop$ cd sejal
sejalpawar@ubuntu:~/Desktop/sejal$ mkdir d3
sejalpawar@ubuntu:~/Desktop/sejal$
```



Practical Performance (4)	Writeup & Oral (4)	Attendance (2)	Total (10)