

Look at the hierarchy diagram below, create this hierarchy and do the following:

```
ubuntu@ubuntu:~$ cd Desktop
ubuntu@ubuntu:~/Desktop$ mkdir Semester1
ubuntu@ubuntu:~/Desktop$ cd Semester1
ubuntu@ubuntu:~/Desktop/Semester1$ mkdir PF_Lab01
ubuntu@ubuntu:~/Desktop/Semester1$ cd PF_Lab01
ubuntu@ubuntu:~/Desktop/Semester1/PF_Lab01$
```

a. First add the commands of zero task in zerotask.txt.

```
ubuntu@ubuntu:~/Desktop$ touch zerotask.txt
ubuntu@ubuntu:~/Desktop$ cat>zerotask.txt
pwd
cal
cal 2025
^Z
[2]+ Stopped                  cat > zerotask.txt
ubuntu@ubuntu:~/Desktop$
```

b. Now copy the zerotask.txt from Desktop to PF_Lab01 directory without using cd command.

```
ubuntu@ubuntu:~/Desktop/Semester1/PF_Lab01$ cd
ubuntu@ubuntu:~$ cp ~/Desktop/zerotask.txt ~/Desktop/Semester1/PF_Lab01
ubuntu@ubuntu:~$ cd Desktop/Semester1/PF_Lab01
ubuntu@ubuntu:~/Desktop/Semester1/PF_Lab01$ ls
zerotask.txt
ubuntu@ubuntu:~/Desktop/Semester1/PF_Lab01$
```

c. Delete the zerotask.txt from Desktop.

```
ubuntu@ubuntu:~/Desktop/Semester1/PF_Lab01$ cd
ubuntu@ubuntu:~$ cd Desktop
ubuntu@ubuntu:~/Desktop$ ls
Semester1
ubuntu-desktop-bootstrap_ubuntu-desktop-bootstrap.desktop
ubuntu@ubuntu:~/Desktop$ rm zerotask.txt
ubuntu@ubuntu:~/Desktop$ ls
Semester1 ubuntu-desktop-bootstrap_ubuntu-desktop-bootstrap.desktop
ubuntu@ubuntu:~/Desktop$
```

d. Create a copy of this zerotask.txt with name Task1.txt in PF-Lab01 directory.

```
ubuntu@ubuntu:~$ cp ~/Desktop/Semester1/PF_Lab01/zerotask.txt ~/Desktop/Semester1/PF_Lab01/Task1.txt
ubuntu@ubuntu:~$ ls
Desktop Documents Downloads Music Pictures Public snap Templates Videos
ubuntu@ubuntu:~$ cd ~/Desktop/Semester1/PF_Lab01/Task1
bash: cd: ~/Desktop/Semester1/PF_Lab01/Task1: No such file or directory
ubuntu@ubuntu:~$ cd Desktop/Semester1/PF_Lab01/Task1
bash: cd: Desktop/Semester1/PF_Lab01/Task1: No such file or directory
ubuntu@ubuntu:~$ cd Desktop/Semester1/PF_Lab01
ubuntu@ubuntu:~/Desktop/Semester1/PF_Lab01$ ls
Task1.txt zerotask.txt
ubuntu@ubuntu:~/Desktop/Semester1/PF_Lab01$
```

e. Now move Task1.txt to Home.

```
ubuntu@ubuntu:~$ mv ~/Desktop/Semester1/PF_Lab01/Task1.txt ~/
ubuntu@ubuntu:~$ ls
Desktop Documents Downloads Music Pictures Public snap Task1.txt Templates Videos
ubuntu@ubuntu:~$
```

f. Change path to home directory.

```
ubuntu@ubuntu:~/Desktop/Semester1/PF_Lab01$ cd
ubuntu@ubuntu:~$ pwd
/home/ubuntu
ubuntu@ubuntu:~$
```

g. Find all .txt files inside your home directory

```
ubuntu@ubuntu:~/Desktop$ find ~ -name "*.txt"
/home/ubuntu/.cache/tracker3/files/last-crawl.txt
/home/ubuntu/.cache/tracker3/files/first-index.txt
/home/ubuntu/Desktop/Semester1/PF_Lab/Task1.txt
ubuntu@ubuntu:~/Desktop$
```