

# Assignment 1

Create a folder “S1MTech” in your home directory and create a subfolder “ECS” in S1MTech. Next you have to create three subfolders test1, test2 and test3 in ECS

```
guru@ubuntu:~$ pwd
/home/guru
guru@ubuntu:~$ mkdir S1MTech
guru@ubuntu:~$ cd ~/S1MTech/
guru@ubuntu:~/S1MTech$ mkdir ECS
guru@ubuntu:~/S1MTech$ cd ECS/
guru@ubuntu:~/S1MTech/ECS$ mkdir {test1,test2,test3}
guru@ubuntu:~/S1MTech/ECS$ ls
test1 test2 test3
```

create files sample1, sample2 and sample3 respectively in each folder. Edit the three files and print the contents.

```
guru@ubuntu:~/S1MTech/ECS$ cd test1/
guru@ubuntu:~/S1MTech/ECS/test1$ touch sample1.txt
guru@ubuntu:~/S1MTech/ECS/test1$ ls
sample1.txt
guru@ubuntu:~/S1MTech/ECS/test1$ cd ..
guru@ubuntu:~/S1MTech/ECS$ cd test2/
guru@ubuntu:~/S1MTech/ECS/test2$ touch sample2.txt
guru@ubuntu:~/S1MTech/ECS/test2$ ls
sample2.txt
guru@ubuntu:~/S1MTech/ECS/test2$ cd ..
guru@ubuntu:~/S1MTech/ECS$ cd test3/
guru@ubuntu:~/S1MTech/ECS/test3$ ls
guru@ubuntu:~/S1MTech/ECS/test3$ touch sample3.txt
guru@ubuntu:~/S1MTech/ECS/test3$ ls
sample3.txt
```

Next you have to edit the file sample1 and add the content “All the Linux commands are run in the terminal provided by the Linux system. This terminal is just like the command prompt of Windows OS.” Search for the string “Windows” in sample1.

```
sample1.txt
guru@ubuntu:~/S1MTech/ECS/test3$ cd ..
guru@ubuntu:~/S1MTech/ECS$ cd test1/
guru@ubuntu:~/S1MTech/ECS/test1$ ls
sample1.txt
guru@ubuntu:~/S1MTech/ECS/test1$ nano sample1.txt
guru@ubuntu:~/S1MTech/ECS/test1$ cat sample1.txt
"All the Linux commands are run in the terminal provided by the Linux system. This terminal is just like the command prompt of Windows OS."
guru@ubuntu:~/S1MTech/ECS/test1$ grep windows sample1.txt
"All the Linux commands are run in the terminal provided by the Linux system. This terminal is just like the command prompt of Windows OS."
```

Copy the file sample1 to test3 directory and sample3 to the test1 directory. Rename the file “sample1” to “fileFromTest1”

```
guru@ubuntu:~/S1MTech/ECS/test3$ cp sample1.txt ~/S1MTech/ECS/test3/
guru@ubuntu:~/S1MTech/ECS/test3$ cd ..
guru@ubuntu:~/S1MTech/ECS$ cd test3/
guru@ubuntu:~/S1MTech/ECS/test3$ ls
sample1.txt sample3.txt
guru@ubuntu:~/S1MTech/ECS/test3$ mv sample1.txt fileFromTest1
guru@ubuntu:~/S1MTech/ECS/test3$ ls
fileFromTest1 sample3.txt
guru@ubuntu:~/S1MTech/ECS/test3$ cat fileFromTest1
"All the Linux commands are run in the terminal provided by the Linux system. This terminal is just like the command prompt of Windows OS."
guru@ubuntu:~/S1MTech/ECS/test3$ cd ..
guru@ubuntu:~/S1MTech/ECS$ cd test3/
guru@ubuntu:~/S1MTech/ECS/test3$ ls
fileFromTest1 sample3.txt
guru@ubuntu:~/S1MTech/ECS/test3$ cp sample3.txt ~/S1MTech/ECS/test1
guru@ubuntu:~/S1MTech/ECS/test3$ cd ..
guru@ubuntu:~/S1MTech/ECS$ cd test1/
guru@ubuntu:~/S1MTech/ECS/test1$ ls
sample1.txt sample3.txt
guru@ubuntu:~/S1MTech/ECS/test1$
guru@ubuntu:~/S1MTech/ECS/test1$
guru@ubuntu:~/S1MTech/ECS/test1$ cd
guru@ubuntu:~$
```

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