

GAYATHRI M-185001050

## TASK-1->

```
cs1050@spl12:~$ cd Desktop
cs1050@spl12:~/Desktop$ mkdir tutorial2
mkdir: cannot create directory 'tutorial2': File exists
cs1050@spl12:~/Desktop$ cd tutorial2
cs1050@spl12:~/Desktop/tutorial2$ mkdir question solution sample1 sample2
mkdir: cannot create directory 'question': File exists
mkdir: cannot create directory 'solution': File exists
mkdir: cannot create directory 'sample1': File exists
mkdir: cannot create directory 'sample2': File exists
cs1050@spl12:~/Desktop/tutorial2$ cd question
cs1050@spl12:~/Desktop/tutorial2/question$ cat >tut-quest.odt
these are the contents of tut-quest.odt
^C
cs1050@spl12:~/Desktop/tutorial2/question$ cd ..
cs1050@spl12:~/Desktop/tutorial2$ cd solution
cs1050@spl12:~/Desktop/tutorial2/solution$ cat >tut-solution.odt
these are the contents of tut-solution.odt
^C
cs1050@spl12:~/Desktop/tutorial2/solution$ cd ..
cs1050@spl12:~/Desktop/tutorial2$ cd sample1
cs1050@spl12:~/Desktop/tutorial2/sample1$ cat >file1.txt
these are the contents of file 1
^C
cs1050@spl12:~/Desktop/tutorial2/sample1$ cat >unixsample.docx
these aRE THE CONTENTS OF UNIX SAMPLE
^C
cs1050@spl12:~/Desktop/tutorial2/sample1$
cs1050@spl12:~/Desktop/tutorial2/sample1$ mkdir dir1 dir2
mkdir: cannot create directory 'dir1': File exists
mkdir: cannot create directory 'dir2': File exists
cs1050@spl12:~/Desktop/tutorial2/sample1$ cd ..
cs1050@spl12:~/Desktop/tutorial2$ cd sample2
cs1050@spl12:~/Desktop/tutorial2/sample2$ mkdir dir3 user
mkdir: cannot create directory 'dir3': File exists
mkdir: cannot create directory 'user': File exists
cs1050@spl12:~/Desktop/tutorial2/sample2$ cat >file4.txt
these are the contents of file4
^C
cs1050@spl12:~/Desktop/tutorial2/sample2$ cat >file5.txt
these are the contents of file5
^C
cs1050@spl12:~/Desktop/tutorial2/sample2$ cd ..
cs1050@spl12:~/Desktop/tutorial2$ ls -Rp
.:
question/ sample1/ sample2/ solution/
```

./question:  
tut-quest.odt

./sample1:  
dir1/ dir2/ file1.txt file2.txt file3.txt unixsample.docs unixsample.docx

./sample1/dir1:

./sample1/dir2:

./sample2:  
dir3 file4.txt file5.txt user

./solution:  
tut-solution.odt  
cs1050@spl12:~/Desktop/tutorial2\$

## TASK-2->

```
cs1050@spl12:~/Desktop/tutorial2$ cp sample1/file2.txt sample2/user
cs1050@spl12:~/Desktop/tutorial2$ cd sample1
cs1050@spl12:~/Desktop/tutorial2/sample1$ cd dir2
cs1050@spl12:~/Desktop/tutorial2/sample1/dir2$ cp ../file2.txt ../sample2/user
cp: cannot create regular file '../sample2/user': No such file or directory
cs1050@spl12:~/Desktop/tutorial2/sample1/dir2$ cp ../file2.txt ../../sample2/user
cs1050@spl12:~/Desktop/tutorial2/sample1/dir2$ cd ..
cs1050@spl12:~/Desktop/tutorial2/sample1$ cd ..
cs1050@spl12:~/Desktop/tutorial2$ cd sample2
cs1050@spl12:~/Desktop/tutorial2/sample2$ cd dir3
bash: cd: dir3: Not a directory
cs1050@spl12:~/Desktop/tutorial2/sample2$ cd dir3
bash: cd: dir3: Not a directory
cs1050@spl12:~/Desktop/tutorial2/sample2$ cp ../sample1/file2.txt ../user
cs1050@spl12:~/Desktop/tutorial2/sample2$ cd ..
cs1050@spl12:~/Desktop/tutorial2$ cd ..
cs1050@spl12:~/Desktop$ cd sample2
bash: cd: sample2: No such file or directory
cs1050@spl12:~/Desktop$ cd sample1
bash: cd: sample1: No such file or directory
cs1050@spl12:~/Desktop$ cd tutorial2
cs1050@spl12:~/Desktop/tutorial2$ cd sample1
cs1050@spl12:~/Desktop/tutorial2/sample1$ cp file2.txt ../sample2/user
cs1050@spl12:~/Desktop/tutorial2/sample1$ cd ..
cs1050@spl12:~/Desktop/tutorial2$ ls -Rp
.:
question/ sample1/ sample2/ solution/ user
```

./question:  
tut-quest.odt

```
./sample1:  
dir1/ dir2/ file1.txt file2.txt file3.txt unixsample.docs unixsample.docx
```

```
./sample1/dir1:
```

```
./sample1/dir2:
```

```
./sample2:  
dir3 file4.txt file5.txt user
```

```
./solution:  
tut-solution.odt
```

TASK-3->

```
cs1050@spl12:~/Desktop/tutorial2/sample1$ cp file2.txt ../sample2/user  
cs1050@spl12:~/Desktop/tutorial2/sample1$ cd ..  
cs1050@spl12:~/Desktop/tutorial2$ ls -Rp  
.:  
question/ sample1/ sample2/ solution/ user
```

```
./question:  
tut-quest.odt
```

```
./sample1:  
dir1/ dir2/ file1.txt file2.txt file3.txt unixsample.docs unixsample.docx
```

```
./sample1/dir1:
```

```
./sample1/dir2:
```

```
./sample2:  
dir3 file4.txt file5.txt user
```

```
./solution:  
tut-solution.odt  
cs1050@spl12:~/Desktop/tutorial2$ clear
```

```
cs1050@spl12:~/Desktop/tutorial2$ cd sample1  
cs1050@spl12:~/Desktop/tutorial2/sample1$ ln file1.txt lfile1.txt  
cs1050@spl12:~/Desktop/tutorial2/sample1$ ln -s file1.txt sfile1.txt  
cs1050@spl12:~/Desktop/tutorial2/sample1$ cd ..  
cs1050@spl12:~/Desktop/tutorial2$ ls -Rp  
.:  
question/ sample1/ sample2/ solution/ user
```

```
./question:  
tut-quest.odt
```

```
./sample1:
dir1/ file1.txt file3.txt sfile1.txt  unixsample.docx
dir2/ file2.txt lfile1.txt unixsample.docs
```

```
./sample1/dir1:
```

```
./sample1/dir2:
```

```
./sample2:
dir3 file4.txt file5.txt user
```

```
./solution:
tut-solution.odt
cs1050@spl12:~/Desktop/tutorial2$ cd sample1
cs1050@spl12:~/Desktop/tutorial2/sample1$ ls -il
total 20
407726 drwxrwxr-x 2 cs1050 cs1050 4096 Jul  3 09:22 dir1
407729 drwxrwxr-x 2 cs1050 cs1050 4096 Jul  3 09:22 dir2
408401 -rw-rw-r-- 2 cs1050 cs1050  33 Jul 10 08:47 file1.txt
408405 -rw-rw-r-- 1 cs1050 cs1050   0 Jul  3 09:03 file2.txt
408407 -rw-rw-r-- 1 cs1050 cs1050   0 Jul  3 09:03 file3.txt
408401 -rw-rw-r-- 2 cs1050 cs1050  33 Jul 10 08:47 lfile1.txt
408787 lrwxrwxrwx 1 cs1050 cs1050   9 Jul 10 09:07 sfile1.txt -> file1.txt
408213 -rw-rw-r-- 1 cs1050 cs1050  38 Jul 10 08:47 unixsample.docs
407194 -rw-rw-r-- 1 cs1050 cs1050   0 Jul  3 09:05 unixsample.docx
cs1050@spl12:~/Desktop/tutorial2/sample1$ cat lfile1.txt
these are the contents of file 1
cs1050@spl12:~/Desktop/tutorial2/sample1$ cat sfile1.txt
these are the contents of file 1
cs1050@spl12:~/Desktop/tutorial2/sample1$ rm file1.txt
cs1050@spl12:~/Desktop/tutorial2/sample1$ cat lfile1.txt
these are the contents of file 1
cs1050@spl12:~/Desktop/tutorial2/sample1$ cat sfile1.txt
cat: sfile1.txt: No such file or directory
```

TASK-4->

```
bash-4.4$ find . -type f -newerat 2019-07-09 ! -newerat 2019-07-10
./solution/tut-solution.odt
./question/tut-quest.odt
./sample1/unixsample.docs
./sample1/file3.txt
./sample1/file2.txt
./sample1/lfile1.txt
./sample2/file4.txt
./sample2/file5.txt
./sample2/user/file2.txt
```

TASK 5

```

bash-4.4$ cd sample1
bash-4.4$ cd dir1
bash-4.4$ cp ../{file2.txt,file3.txt} ../dir2
bash-4.4$ cd ..
bash-4.4$ cd ..
bash-4.4$ ls -Rp
.:
question/ sample1/ sample2/ solution/

./question:
tut-quest.odt

./sample1:
dir1/ dir2/ file2.txt file3.txt lfile1.txt sfile1.txt unixsample.docs

./sample1/dir1:

./sample1/dir2:
file2.txt file3.txt

./sample2:
dir3/ file4.txt file5.txt user/

./sample2/dir3:

./sample2/user:
file2.txt

./solution:
tut-solution.odt

```

## TASK 6

```

bash-4.4$ cd sample2
bash-4.4$ cp -p file4.txt file5.txt
bash-4.4$ cd ..
bash-4.4$ cd sample2
bash-4.4$ ls -il
total 16
135729684 drwxr-xr-x 2 24412 24412 4096 Jul  9 17:46 dir3
18221011 -rw-r--r-- 1 24412 24412  18 Jul  9 17:46 file4.txt
18221014 -rw-r--r-- 1 24412 24412  18 Jul  9 17:46 file5.txt
135729685 drwxr-xr-x 2 24412 24412 4096 Jul  9 17:56 user
bash-4.4$ cp --no-preserve=mod file4.txt file5.txt
bash-4.4$ cd ..
bash-4.4$ cd sample2
bash-4.4$ ls -il
total 16
135729684 drwxr-xr-x 2 24412 24412 4096 Jul  9 17:46 dir3
18221011 -rw-r--r-- 1 24412 24412  18 Jul  9 17:46 file4.txt
18221014 -rw-r--r-- 1 24412 24412  18 Jul  9 19:06 file5.txt

```

135729685 drwxr-xr-x 2 24412 24412 4096 Jul 9 17:56 user

TASK-7->

TASK-7->

```
cs1050@ssn11:~/Desktop/Tutorial2/Sample2$ cd ../../
cs1050 @ssn11:~/Desktop$ find ./Tutorial2/Sample1 -name file2.txt -print
./Tutorial2/Sample1/file2.txt
./Tutorial2/Sample1/dir2/file2.txt
./Tutorial2/Sample1/dir1/file2.txt
cs1050 @ssn11:~/Desktop$ find ./Tutorial2/Sample1 -name file2.txt -delete
cs1050 @ssn11:~/Desktop$ cd Tutorial2/Sample1
cs1050 @ssn11:~/Desktop/Tutorial2/Sample1$ lsdir1 dir2 file3.txt lfile1 sfile1 unixsample.docx
cs1050 @ssn11:~/Desktop/Tutorial2/Sample1$ cd dir1
cs1050 @ssn11:~/Desktop/Tutorial2/Sample1/dir1$ ls
file3.txt
cs1050 @ssn11:~/Desktop/Tutorial2/Sample1/dir1$ cd ../dir2
cs1050 @ssn11:~/Desktop/Tutorial2/Sample1/dir2$ ls
file3.txt
cs1050 @ssn11:~/Desktop/Tutorial2/Sample1/dir2$ rm file3.txt
cs1050 @ssn11:~/Desktop/Tutorial2/Sample1/dir2$ cd ../dir1
cs1050 @ssn11:~/Desktop/Tutorial2/Sample1/dir1$ rm file3.txt
cs1050 @ssn11:~/Desktop/Tutorial2/Sample1/dir1$ cd ..
cs1050 @ssn11:~/Desktop/Tutorial2/Sample1$ rmdir dir1 dir2
cs1050 @ssn11:~/Desktop/Tutorial2/Sample1$ cd ../../
cs1050 @ssn11:~/Desktop$ find ./Tutorial2 -empty
./Tutorial2/Sample2/dir3
cs1050 @ssn11:~/Desktop$ rmdir Tutorial2/Sample2/dir3
cs1050 @ssn11:~/Desktop$ cd Tutorial2/Sample2 cs1050 @ssn11:~/Desktop/Tutorial2/Sample2$
lsfile4.txt file5.txt user
```