

Lab 04 Tasks

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Task 1:

```
student@student-virtual-machine:~$ ls
book1  Books      Desktop  Downloads  file1      files1.txt  Lab      Music     OS        Public  sanreen  samreen.cpp  Templates
books  cats.txt   Documents file        filee.txt  file.txt   labsort  newFile   Pictures  Quiz    Sanreen  snap         Videos
student@student-virtual-machine:~$ cd books
student@student-virtual-machine:~/books$ pico
student@student-virtual-machine:~/books$ pico
student@student-virtual-machine:~/books$ cat atomic-notes.txt
atomic bomb
student@student-virtual-machine:~/books$ mv atomic-notes.txt at-notes.txt
student@student-virtual-machine:~/books$ ls
at-notes.txt  atomic-notes
```

Task 2:

```
student@student-virtual-machine:~/books$ mkdir physics
student@student-virtual-machine:~/books$ cd physics
student@student-virtual-machine:~/books/physics$ mkdir nuclear
student@student-virtual-machine:~/books/physics$ cd nuclear
student@student-virtual-machine:~/books/physics/nuclear$ cd
student@student-virtual-machine:~$ cd books
student@student-virtual-machine:~/books$ cp at-notes.txt physics/nuclear
student@student-virtual-machine:~/books$ cd physics/nuclear
student@student-virtual-machine:~/books/physics/nuclear$ ls
at-notes.txt
student@student-virtual-machine:~/books/physics/nuclear$
```

Task 3(1):

```
student@student-virtual-machine:~$ chmod u-w result.comp
student@student-virtual-machine:~$ ls-l
ls-l: command not found
student@student-virtual-machine:~$ ls -l
total 120
drwxrwxr-x 3 student student 4096 13:52 12 ستمبر book1
drwxrwxr-x 3 student student 4096 14:44 12 ستمبر books
drwxrwxr-x 6 student student 4096 14:52 5 ستمبر Books
-rw-rw-r-- 1 student student 6 13:26 12 ستمبر cats.txt
drwxr-xr-x 2 student student 4096 10:21 13 اگست Desktop
drwxr-xr-x 2 student student 4096 10:21 13 اگست Documents
drwxr-xr-x 3 student student 4096 11:23 26 اگست Downloads
-rw-rw-r-- 1 student student 26 09:19 10 ستمبر file
-rw-rw-r-- 1 student student 18 09:30 10 ستمبر file1
-r-x-wxrw- 1 student student 16 13:28 12 ستمبر filee.txt
-rw-rw-r-- 1 student student 16 13:34 12 ستمبر files1.txt
-rw-rw-r-- 1 student student 38 13:25 12 ستمبر file.txt
drwxrwxr-x 2 student student 4096 13:43 5 ستمبر Lab
-rw-rw-r-- 1 student student 88 09:03 3 ستمبر labsort
drwxr-xr-x 2 student student 4096 10:21 13 اگست Music
-rw-rw-r-- 1 student student 107 09:11 3 ستمبر newFile
drwxrwxr-x 2 student student 4096 13:42 5 ستمبر OS
drwxr-xr-x 3 student student 4096 15:03 5 ستمبر Pictures
drwxr-xr-x 2 student student 4096 10:21 13 اگست Public
drwxrwxr-x 2 student student 4096 13:43 5 ستمبر Quiz
-r--rw-r-- 1 student student 7 14:54 12 ستمبر result.comp
-rwxrwxr-x 1 student student 16384 10:10 3 ستمبر samreen
drwxrwxr-x 2 student student 4096 10:34 27 اگست Samreen
-rwxrwxrwx 1 student student 71 10:09 3 ستمبر samreen.cpp
drwx----- 4 student student 4096 11:23 26 اگست snap
drwxr-xr-x 2 student student 4096 10:21 13 اگست Templates
drwxr-xr-x 2 student student 4096 10:21 13 اگست Videos
student@student-virtual-machine:~$
```

Task 3(2):

```

drwxr-xr-x 2 student student 4096 10:21 13 اگست Videos
student@student-virtual-machine:~$ chmod go+x stock.txt
student@student-virtual-machine:~$ ls -l
total 124
drwxrwxr-x 3 student student 4096 13:52 12 ستمبر book1
drwxrwxr-x 3 student student 4096 14:44 12 ستمبر books
drwxrwxr-x 6 student student 4096 14:52 5 ستمبر Books
-rw-rw-r-- 1 student student 6 13:26 12 ستمبر cats.txt
drwxr-xr-x 2 student student 4096 10:21 13 اگست Desktop
drwxr-xr-x 2 student student 4096 10:21 13 اگست Documents
drwxr-xr-x 3 student student 4096 11:23 26 اگست Downloads
-rw-rw-r-- 1 student student 26 09:19 10 ستمبر file
-rw-rw-r-- 1 student student 18 09:30 10 ستمبر file1
-r-x-wxr-- 1 student student 16 13:28 12 ستمبر filee.txt
-rw-rw-r-- 1 student student 16 13:34 12 ستمبر files1.txt
-rw-rw-r-- 1 student student 38 13:25 12 ستمبر file.txt
drwxrwxr-x 2 student student 4096 13:43 5 ستمبر Lab
-rw-rw-r-- 1 student student 88 09:03 3 ستمبر labsort
drwxr-xr-x 2 student student 4096 10:21 13 اگست Music
-rw-rw-r-- 1 student student 107 09:11 3 ستمبر newFile
drwxrwxr-x 2 student student 4096 13:42 5 ستمبر OS
drwxr-xr-x 3 student student 4096 15:03 5 ستمبر Pictures
drwxr-xr-x 2 student student 4096 10:21 13 اگست Public
drwxrwxr-x 2 student student 4096 13:43 5 ستمبر Quiz
-r--rw-r-- 1 student student 7 14:54 12 ستمبر result.comp
-rwxrwxr-x 1 student student 16384 10:10 3 ستمبر samreen
drwxrwxr-x 2 student student 4096 10:34 27 اگست Samreen
-rwxrwxrwx 1 student student 71 10:09 3 ستمبر samreen.cpp
drwx----- 4 student student 4096 11:23 26 اگست snap
-rw-rwxr-x 1 student student 6 15:03 12 ستمبر stock.txt
drwxr-xr-x 2 student student 4096 10:21 13 اگست Templates
drwxr-xr-x 2 student student 4096 10:21 13 اگست Videos
student@student-virtual-machine:~$

```

Task 3(3):

```

student@student-virtual-machine:~$ chmod g+r+x myfile.txt
student@student-virtual-machine:~$ ls -l
total 132
drwxrwxr-x 3 student student 4096 13:52 12 ستمبر book1
drwxrwxr-x 3 student student 4096 14:44 12 ستمبر books
drwxrwxr-x 6 student student 4096 14:52 5 ستمبر Books
-rw-rw-r-- 1 student student 6 13:26 12 ستمبر cats.txt
drwxr-xr-x 2 student student 4096 10:21 13 اگست Desktop
drwxr-xr-x 2 student student 4096 10:21 13 اگست Documents
drwxr-xr-x 3 student student 4096 11:23 26 اگست Downloads
-rw-rw-r-- 1 student student 26 09:19 10 ستمبر file
-rw-rw-r-- 1 student student 18 09:30 10 ستمبر file1
-r-x-wxr-- 1 student student 16 13:28 12 ستمبر filee.txt
-rw-rw-r-- 1 student student 16 13:34 12 ستمبر files1.txt
-rw-rw-r-- 1 student student 38 13:25 12 ستمبر file.txt
drwxrwxr-x 2 student student 4096 13:43 5 ستمبر Lab
drwxrwxrwx 2 student student 4096 15:14 12 ستمبر lab4
-rw-rw-r-- 1 student student 88 09:03 3 ستمبر labsort
drwxr-xr-x 2 student student 4096 10:21 13 اگست Music
-rw-rwxr-- 1 student student 7 15:11 12 ستمبر myfile.txt
-rw-rw-r-- 1 student student 107 09:11 3 ستمبر newFile
drwxrwxr-x 2 student student 4096 13:42 5 ستمبر OS
drwxr-xr-x 3 student student 4096 15:03 5 ستمبر Pictures
drwxr-xr-x 2 student student 4096 10:21 13 اگست Public
drwxrwxr-x 2 student student 4096 13:43 5 ستمبر Quiz
-r--rw-r-- 1 student student 7 14:54 12 ستمبر result.comp
-rwxrwxr-x 1 student student 16384 10:10 3 ستمبر samreen
drwxrwxr-x 2 student student 4096 10:34 27 اگست Samreen
-rwxrwxrwx 1 student student 71 10:09 3 ستمبر samreen.cpp
drwx----- 4 student student 4096 11:23 26 اگست snap
-rw-rwxr-x 1 student student 6 15:03 12 ستمبر stock.txt
drwxr-xr-x 2 student student 4096 10:21 13 اگست Templates
drwxr-xr-x 2 student student 4096 10:21 13 اگست Videos
student@student-virtual-machine:~$

```

Task 4:

```
student@student-virtual-machine:~$ mkdir lab4
student@student-virtual-machine:~$ cd lab4
student@student-virtual-machine:~/lab4$ pico
student@student-virtual-machine:~/lab4$ pico
student@student-virtual-machine:~/lab4$ pico
student@student-virtual-machine:~/lab4$ ls
quiz  report  viva
student@student-virtual-machine:~/lab4$ ls -l
total 12
-rw-rw-r-- 1 student student 5 15:14 12 ستمبر quiz
-rw-rw-r-- 1 student student 7 15:14 12 ستمبر report
-rw-rw-r-- 1 student student 5 15:14 12 ستمبر viva
student@student-virtual-machine:~/lab4$ chmod g-w quiz
student@student-virtual-machine:~/lab4$ ls -l
total 12
-rw-r--r-- 1 student student 5 15:14 12 ستمبر quiz
-rw-rw-r-- 1 student student 7 15:14 12 ستمبر report
-rw-rw-r-- 1 student student 5 15:14 12 ستمبر viva
student@student-virtual-machine:~/lab4$ chmod g-r report
student@student-virtual-machine:~/lab4$ ls -l
total 12
-rw-r--r-- 1 student student 5 15:14 12 ستمبر quiz
-rw--w-r-- 1 student student 7 15:14 12 ستمبر report
-rw-rw-r-- 1 student student 5 15:14 12 ستمبر viva
student@student-virtual-machine:~/lab4$ chmod ugo+x viva
student@student-virtual-machine:~/lab4$ ls -l
total 12
-rw-r--r-- 1 student student 5 15:14 12 ستمبر quiz
-rw--w-r-- 1 student student 7 15:14 12 ستمبر report
-rwxrwxr-x 1 student student 5 15:14 12 ستمبر viva
student@student-virtual-machine:~/lab4$
```

```

student@student-virtual-machine:~$ chmod 777 lab4
student@student-virtual-machine:~$ ls -l
total 132
drwxrwxr-x 3 student student 4096 13:52 12 ستمبر book1
drwxrwxr-x 3 student student 4096 14:44 12 ستمبر books
drwxrwxr-x 6 student student 4096 14:52 5 ستمبر Books
-rw-rw-r-- 1 student student 6 13:26 12 ستمبر cats.txt
drwxr-xr-x 2 student student 4096 10:21 13 اگست Desktop
drwxr-xr-x 2 student student 4096 10:21 13 اگست Documents
drwxr-xr-x 3 student student 4096 11:23 26 اگست Downloads
-rw-rw-r-- 1 student student 26 09:19 10 ستمبر file
-rw-rw-r-- 1 student student 18 09:30 10 ستمبر file1
-r-x-wxr-- 1 student student 16 13:28 12 ستمبر filee.txt
-rw-rw-r-- 1 student student 16 13:34 12 ستمبر files1.txt
-rw-rw-r-- 1 student student 38 13:25 12 ستمبر file.txt
drwxrwxr-x 2 student student 4096 13:43 5 ستمبر Lab
drwxrwxrwx 2 student student 4096 15:14 12 ستمبر lab4
-rw-rw-r-- 1 student student 88 09:03 3 ستمبر labsort
drwxr-xr-x 2 student student 4096 10:21 13 اگست Music
-rw-rwxr-- 1 student student 7 15:11 12 ستمبر myfile.txt
-rw-rw-r-- 1 student student 107 09:11 3 ستمبر newFile
drwxrwxr-x 2 student student 4096 13:42 5 ستمبر OS
drwxr-xr-x 3 student student 4096 15:03 5 ستمبر Pictures
drwxr-xr-x 2 student student 4096 10:21 13 اگست Public
drwxrwxr-x 2 student student 4096 13:43 5 ستمبر Quiz
-r--rw-r-- 1 student student 7 14:54 12 ستمبر result.comp
-rwxrwxr-x 1 student student 16384 10:10 3 ستمبر samreen
drwxrwxr-x 2 student student 4096 10:34 27 اگست Samreen
-rwxrwxrwx 1 student student 71 10:09 3 ستمبر samreen.cpp
drwx----- 4 student student 4096 11:23 26 اگست snap
-rw-rwxr-x 1 student student 6 15:03 12 ستمبر stock.txt
drwxr-xr-x 2 student student 4096 10:21 13 اگست Templates
drwxr-xr-x 2 student student 4096 10:21 13 اگست Videos
student@student-virtual-machine:~$

```