

Riphah International University Islamabad



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Operating System

OS Lab # 04

Task # 01

```
student@student-virtual-machine: ~  
to run a command as administrator (user "root"), use "sudo <command>".  
See "man sudo_root" for details.  
  
student@student-virtual-machine:~$ cd  
student@student-virtual-machine:~$ pwd  
home/student  
student@student-virtual-machine:~$ pico  
student@student-virtual-machine:~$ mkdir Books/atomic-note  
mkdir: cannot create directory 'Books/atomic-note': No such file or directory  
student@student-virtual-machine:~$ mkdir Books  
student@student-virtual-machine:~$ mkdir Books/atomic-note  
student@student-virtual-machine:~$ mv atomic-note at-notes  
mv: cannot stat 'atomic-note': No such file or directory  
student@student-virtual-machine:~$ mv atomic-notes /Books/at-notes  
mv: cannot stat 'atomic-notes': No such file or directory  
student@student-virtual-machine:~$ ls-l  
ls-l: command not found  
student@student-virtual-machine:~$ cd  
student@student-virtual-machine:~$ pwd  
home/student  
student@student-virtual-machine:~$ cd Books/atomic-note  
student@student-virtual-machine:~/Books/atomic-note$ mv Books/atomic-note at-note  
mv: cannot stat 'Books/atomic-note': No such file or directory  
student@student-virtual-machine:~/Books/atomic-note$ cd  
student@student-virtual-machine:~$ pwd  
home/student  
student@student-virtual-machine:~$ mv Books/atomic-note Books/at-note  
student@student-virtual-machine:~$
```

Task # 02

```
student@student-virtual-machine:~$ mkdir Physics
student@student-virtual-machine:~$ mkdir PHysics/Nuclear
mkdir: cannot create directory 'PHysics/Nuclear': No such file or directory
student@student-virtual-machine:~$ mkdir Physics/nuclear
student@student-virtual-machine:~$ cp -r Books/at-notes Physics/nuclear/
cp: cannot stat 'Books/at-notes': No such file or directory
student@student-virtual-machine:~$ cp -r Books/at-note Physics/nuclear/
student@student-virtual-machine:~$ █
```

Task # 03

```
student@student-virtual-machine:~$ nano
student@student-virtual-machine:~$ nano result.comp
student@student-virtual-machine:~$ chmod u-w result.comp
student@student-virtual-machine:~$ nano
student@student-virtual-machine:~$ nano stock
student@student-virtual-machine:~$ chmod go+x stock
student@student-virtual-machine:~$ nano
student@student-virtual-machine:~$ nano myfile
student@student-virtual-machine:~$ chmod g=rx myfile
student@student-virtual-machine:~$ █
```

Task # 04

```
student@student-virtual-machine:~$ mkdir lab4
student@student-virtual-machine:~$ cd lab4
student@student-virtual-machine:~/lab4$ cat > quiz
hi
student@student-virtual-machine:~/lab4$ cat > report
student@student-virtual-machine:~/lab4$ cat > viva
student@student-virtual-machine:~/lab4$ chmod 644 quiz
student@student-virtual-machine:~/lab4$ chmod 624 report
student@student-virtual-machine:~/lab4$ chmod 775 viva
```