

**NAME : HASEEB UR REHMAN**

**SAP ID : 55859**

**SECTION : SE 5-2**

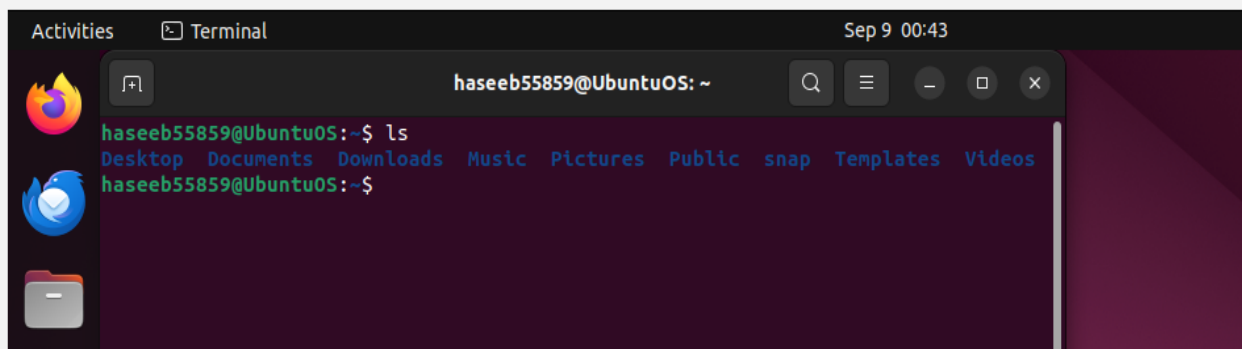
## **LAB TASK : “03”**

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**TASK : 01**

**ANSWER :**

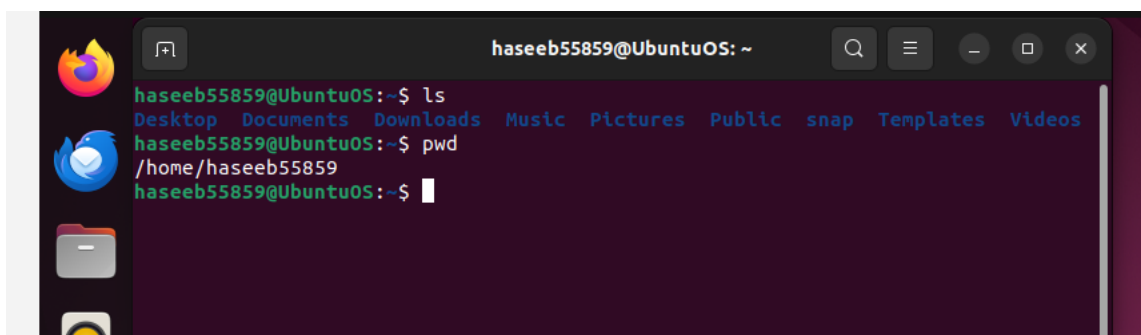
**LS**



A terminal window titled "haseeb55859@UbuntuOS: ~" showing the execution of the 'ls' command. The output lists the following directories: Desktop, Documents, Downloads, Music, Pictures, Public, snap, Templates, and Videos. The terminal interface includes a search bar, a menu icon, and window control buttons (minimize, maximize, close). The date and time "Sep 9 00:43" are displayed in the top right corner.

```
haseeb55859@UbuntuOS: ~  
haseeb55859@UbuntuOS:~$ ls  
Desktop Documents Downloads Music Pictures Public snap Templates Videos  
haseeb55859@UbuntuOS:~$
```

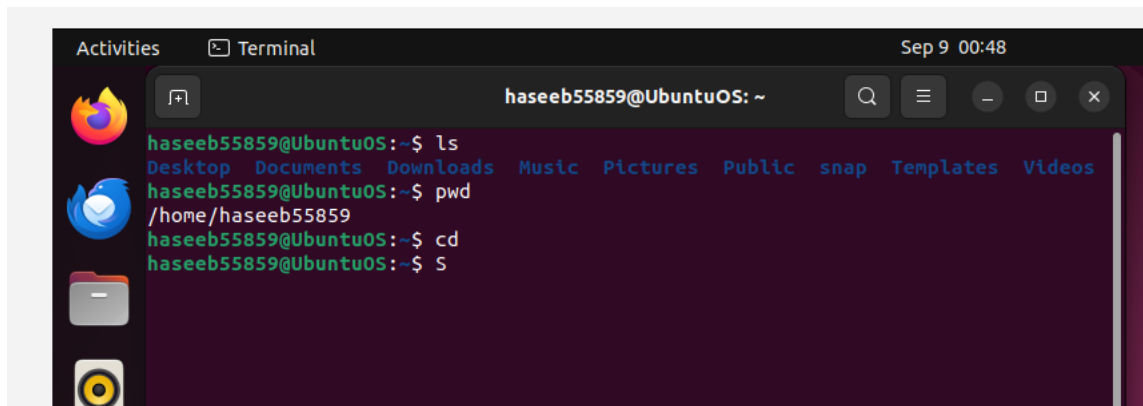
**PWD**



A terminal window titled "haseeb55859@UbuntuOS: ~" showing the execution of the 'pwd' command. The output displays the current directory path: /home/haseeb55859. The terminal interface includes a search bar, a menu icon, and window control buttons (minimize, maximize, close). The date and time "Sep 9 00:43" are displayed in the top right corner.

```
haseeb55859@UbuntuOS: ~  
haseeb55859@UbuntuOS:~$ ls  
Desktop Documents Downloads Music Pictures Public snap Templates Videos  
haseeb55859@UbuntuOS:~$ pwd  
/home/haseeb55859  
haseeb55859@UbuntuOS:~$
```

## CD

A screenshot of a Linux terminal window titled "Terminal" with a timestamp of "Sep 9 00:48". The window shows a user named "haseeb55859@UbuntuOS" at the home directory. The user enters the command "ls", which lists the contents of the home directory: Desktop, Documents, Downloads, Music, Pictures, Public, snap, Templates, and Videos. Then, the user enters "pwd", which returns "/home/haseeb55859". Finally, the user enters "cd", which changes the directory to the home directory, and the prompt returns to "~".

```
haseeb55859@UbuntuOS: ~  
haseeb55859@UbuntuOS:~$ ls  
Desktop Documents Downloads Music Pictures Public snap Templates Videos  
haseeb55859@UbuntuOS:~$ pwd  
/home/haseeb55859  
haseeb55859@UbuntuOS:~$ cd  
haseeb55859@UbuntuOS:~$
```

## SU

```
haseeb55859@UbuntuOS:~$ su  
Password:
```

## MKDIR

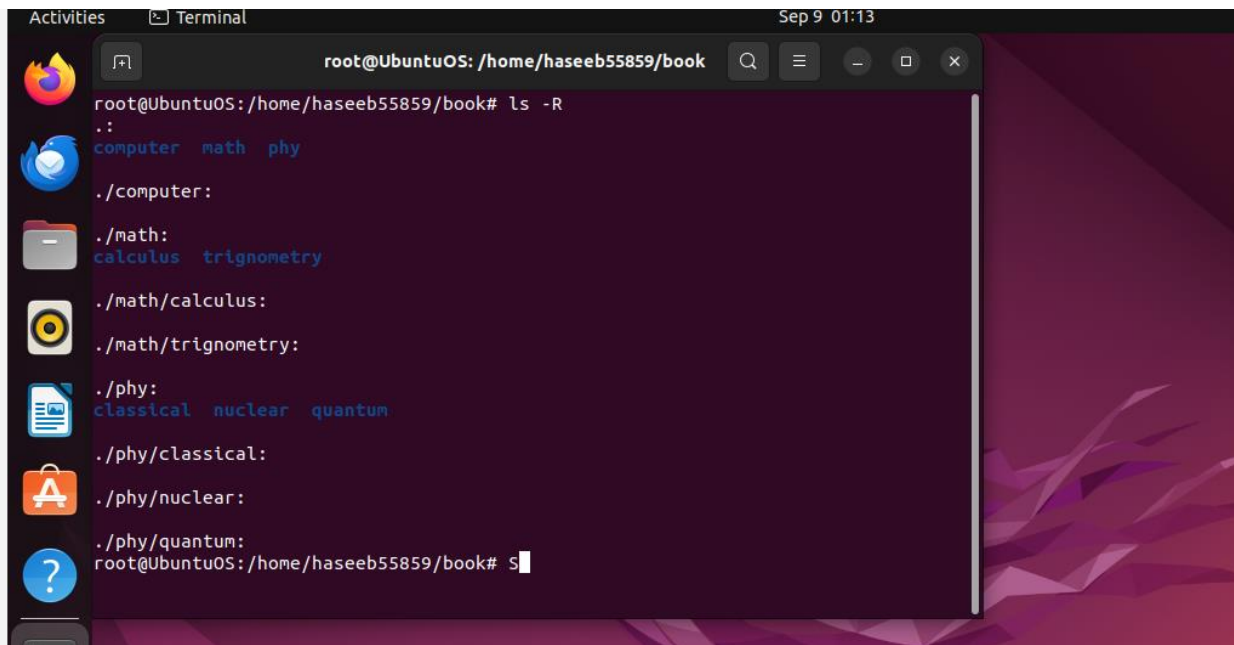
```
root@UbuntuOS:/home/haseeb55859# mkdir lab03  
root@UbuntuOS:/home/haseeb55859#
```

## TASK01

```
root@UbuntuOS:/home/haseeb55859/lab03# mkdir task01  
root@UbuntuOS:/home/haseeb55859/lab03# su  
root@UbuntuOS:/home/haseeb55859/lab03# cd task01  
root@UbuntuOS:/home/haseeb55859/lab03/task01#
```

## ALL DIRECTORY

```
book documents lab music public templates
root@UbuntuOS:/home/haseeb55859# mkdir book
mkdir: cannot create directory 'book': File exists
root@UbuntuOS:/home/haseeb55859# cd book
root@UbuntuOS:/home/haseeb55859/book# mkdri math
Command 'mkdri' not found, did you mean:
  command 'mkdir' from deb coreutils (8.32-4.1ubuntu1.2)
Try: apt install <deb name>
root@UbuntuOS:/home/haseeb55859/book# mkdir math
root@UbuntuOS:/home/haseeb55859/book# cd math
root@UbuntuOS:/home/haseeb55859/book/math# mkdir trignometry
root@UbuntuOS:/home/haseeb55859/book/math# mkdir calculus
root@UbuntuOS:/home/haseeb55859/book/math# cd ..
root@UbuntuOS:/home/haseeb55859/book# mkdir phy
root@UbuntuOS:/home/haseeb55859/book# cd phy
root@UbuntuOS:/home/haseeb55859/book/phy# mkdir quantum
root@UbuntuOS:/home/haseeb55859/book/phy# mkdir classical
root@UbuntuOS:/home/haseeb55859/book/phy# mkdir nuclear
root@UbuntuOS:/home/haseeb55859/book/phy# cd ..
root@UbuntuOS:/home/haseeb55859/book# mkdir computer
root@UbuntuOS:/home/haseeb55859/book#
```



The screenshot shows a terminal window titled "Terminal" with the path "root@UbuntuOS: /home/haseeb55859/book". The command "ls -R" has been executed, displaying the following output:

```
root@UbuntuOS:/home/haseeb55859/book# ls -R
.:
computer math phy

./computer:

./math:
calculus trignometry

./math/calculus:

./math/trignometry:

./phy:
classical nuclear quantum

./phy/classical:

./phy/nuclear:

./phy/quantum:
root@UbuntuOS:/home/haseeb55859/book#
```