

# Operating System Lab -1

Name = Harsh Singh

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## 1. pwd

```
24ca018@server2:~$ pwd
/home/24ca018
```

```
24ca018@server2:~$ pwd
/home/24ca018
24ca018@server2:~$
```

## 2. cd

```
24ca018@server2:~/Desktop$ cd
24ca018@server2:~$
```

```
24ca018@server2:~/Desktop$ cd
24ca018@server2:~$
```

## 3. cd directory

```
24ca018@server2:~$ cd Desktop
24ca018@server2:~/Desktop$
```

```
24ca018@server2:~$ cd Desktop
24ca018@server2:~/Desktop$
```

## 4. cd ~

```
24ca018@server2:~$ cd Documents/Folder1
24ca018@server2:~/Documents/Folder1$ cd ~
24ca018@server2:~$
```

```
24ca018@server2:~/Documents/Folder1$ cd ~
24ca018@server2:~$
```

## 5. cd ..

```
24ca018@server2:~/Documents/Folder1$ cd ..
24ca018@server2:~/Documents$
```

```
24ca018@server2:~/Documents/Folder1$ cd ..
24ca018@server2:~/Documents$
```

## 6. cd -

```
24ca018@server2:~/Documents/Folder1$ cd -
/home/24ca018
24ca018@server2:~$
```

```
24ca018@server2:~/Documents/Folder1$ cd -
/home/24ca018
```

## 7. ls

```
24ca018@server2:~$ ls
```

```

a.out          clab8          Factorial.c    Lab2Prog3.c    Prog1
Prog4
circll.cpp     cpp           Fibonacci      Lab2Prog4.c    Prog1.c
Prog4.c
clab           dbl.cpp       Fibonacci.c    lab3           Prog2
Public
clab5         Desktop      'Fibonacci.C\' mishra         Prog2.c
Templates
clab6         Documents   Lab2Prog1.c    Music          Prog3
thinclient_drives
clab7         Downloads  Lab2Prog2.c    Pictures        Prog3.c
Videos
24ca018@server2:~$
```

```

24ca018@server2:~$ ls
a.out      clab8      Factorial.c  Lab2Prog3.c  Prog1      Prog4
circll.cpp cpp        Fibonacci    Lab2Prog4.c  Prog1.c    Prog4.c
clab       dbl.cpp    Fibonacci.c  lab3         Prog2      Public
clab5     Desktop   'Fibonacci.C\' mishra       Prog2.c    Templates
clab6     Documents Lab2Prog1.c  Music        Prog3      thinclient_drives
clab7     Downloads Lab2Prog2.c  Pictures     Prog3.c    Videos
```

## 8. ls directory

```
24ca018@server2:~$ ls Documents
```

```

CandDoubly.odt  filedata.txt  Folder1
24ca018@server2:~$
```

```

24ca018@server2:~$ ls Documents
CandDoubly.odt  filedata.txt  Folder1
```

## 9. ls -l

24ca018@server2:~\$ ls -l

```
total 216
-rwxrwxr-x  1 24ca018 24ca018 17560 Sep 12  2024 a.out
-rw-rw-r--  1 24ca018 24ca018  1482 Sep 12  2024 circll.cpp
drwxrwxr-x  3 24ca018 24ca018  4096 Sep 10  2024 clab
drwxrwxr-x  2 24ca018 24ca018  4096 Oct  1  2024 clab5
drwxrwxr-x  2 24ca018 24ca018  4096 Oct 15  2024 clab6
drwxrwxr-x  2 24ca018 24ca018  4096 Oct 29  2024 clab7
drwxrwxr-x  2 24ca018 24ca018  4096 Nov  5  2024 clab8
drwxrwxr-x 12 24ca018 24ca018  4096 Apr  4 14:28 cpp
-rw-rw-r--  1 24ca018 24ca018  1783 Sep 12  2024 dbl.cpp
drwxr-xr-x  3 24ca018 24ca018  4096 Jul 30 14:31 Desktop
drwxr-xr-x  3 24ca018 24ca018  4096 Jul 30 14:52 Documents
drwxr-xr-x  2 24ca018 24ca018  4096 Jul 30 14:20 Downloads
-rw-rw-r--  1 24ca018 24ca018   169 Sep  3  2024 Factorial.c
```

```
24ca018@server2:~$ ls -l
total 216
-rwxrwxr-x  1 24ca018 24ca018 17560 Sep 12  2024 a.out
-rw-rw-r--  1 24ca018 24ca018  1482 Sep 12  2024 circll.cpp
drwxrwxr-x  3 24ca018 24ca018  4096 Sep 10  2024 clab
drwxrwxr-x  2 24ca018 24ca018  4096 Oct  1  2024 clab5
drwxrwxr-x  2 24ca018 24ca018  4096 Oct 15  2024 clab6
drwxrwxr-x  2 24ca018 24ca018  4096 Oct 29  2024 clab7
drwxrwxr-x  2 24ca018 24ca018  4096 Nov  5  2024 clab8
drwxrwxr-x 12 24ca018 24ca018  4096 Apr  4 14:28 cpp
-rw-rw-r--  1 24ca018 24ca018  1783 Sep 12  2024 dbl.cpp
drwxr-xr-x  3 24ca018 24ca018  4096 Jul 30 14:31 Desktop
drwxr-xr-x  3 24ca018 24ca018  4096 Jul 30 14:52 Documents
drwxr-xr-x  2 24ca018 24ca018  4096 Jul 30 14:20 Downloads
-rw-rw-r--  1 24ca018 24ca018   169 Sep  3  2024 Factorial.c
```

## 10. ls -a

24ca018@server2:~\$ ls -a

```
.          Fibonacci          .pcsc17          .Xauthority
..
Fibonacci.c  .pcsc20          .xorgxrdp.10.log
```

```

a.out
'Fibonacci.C\'      .pcsc21              .xorgxrdp.10.log.old
.bash_history      .gnupg
Pictures           .xorgxrdp.11.log

.bash_logout
Lab2Prog1.c        .profile             .xorgxrdp.11.log.old

.bashrc            Lab2Prog2.c
Prog1              .xorgxrdp.12.log

.cache             Lab2Prog3.c
Prog1.c            .xorgxrdp.12.log.old

circll.cpp         Lab2Prog4.c
Prog2              .xorgxrdp.13.log

```

```

24ca018@server2:~$ ls -a
.          Fibonacci      .pcsc17          .Xauthority
..         Fibonacci.c   .pcsc20          .xorgxrdp.10.log
a.out      'Fibonacci.C\'       .pcsc21          .xorgxrdp.10.log.old
.bash_history .gnupg             Pictures         .xorgxrdp.11.log
.bash_logout Lab2Prog1.c        .profile         .xorgxrdp.11.log.old
.bashrc     Lab2Prog2.c        Prog1            .xorgxrdp.12.log
.cache      Lab2Prog3.c        Prog1.c          .xorgxrdp.12.log.old
circll.cpp  Lab2Prog4.c        Prog2            .xorgxrdp.13.log
clab        lab3               Prog2.c          .xorgxrdp.13.log.old

```

## 11. ls -ld directory

```
24ca018@server2:~$ ls -ld Documents
```

```
drwxr-xr-x 3 24ca018 24ca018 4096 Jul 30 14:52 Documents
```

```

24ca018@server2:~$ ls -ld Documents
drwxr-xr-x 3 24ca018 24ca018 4096 Jul 30 14:52 Documents

```

## 12. ls usr/bin/

```
24ca018@server2:~$ ls F*
```

```

Factorial.c  Fibonacci  Fibonacci.c  'Fibonacci.C\'
24ca018@server2:~$

```

```

24ca018@server2:~$ ls F*
Factorial.c  Fibonacci  Fibonacci.c  'Fibonacci.C\'
24ca018@server2:~$ 

```

