

Aim : To implement basic commands on Ubuntu and ls commands with all options.

```
lab-04@lab04-OptiPlex-3280-AIO:~/sushmit$ cd ..
lab-04@lab04-OptiPlex-3280-AIO:~$ mkdir SIT
lab-04@lab04-OptiPlex-3280-AIO:~$ cd SIT
lab-04@lab04-OptiPlex-3280-AIO:~/SIT$ mkdir SEM4
lab-04@lab04-OptiPlex-3280-AIO:~/SIT$ cd SEM4
lab-04@lab04-OptiPlex-3280-AIO:~/SIT/SEM4$ mkdir os
lab-04@lab04-OptiPlex-3280-AIO:~/SIT/SEM4$ cd os
lab-04@lab04-OptiPlex-3280-AIO:~/SIT/SEM4/os$ mkdir oslab
lab-04@lab04-OptiPlex-3280-AIO:~/SIT/SEM4/os$ cd oslab
lab-04@lab04-OptiPlex-3280-AIO:~/SIT/SEM4/os/oslab$ cd..
cd..: command not found
lab-04@lab04-OptiPlex-3280-AIO:~/SIT/SEM4/os/oslab$ cd ..
lab-04@lab04-OptiPlex-3280-AIO:~/SIT/SEM4/os$ cd ..
lab-04@lab04-OptiPlex-3280-AIO:~/SIT/SEM4$ vi test1.txt
lab-04@lab04-OptiPlex-3280-AIO:~/SIT/SEM4$ mv test1.txt oslab
lab-04@lab04-OptiPlex-3280-AIO:~/SIT/SEM4$ vi test2.txt
lab-04@lab04-OptiPlex-3280-AIO:~/SIT/SEM4$ mv test2.txt oslab
lab-04@lab04-OptiPlex-3280-AIO:~/SIT/SEM4$ vi test1.txt
vi: command not found
lab-04@lab04-OptiPlex-3280-AIO:~/SIT/SEM4$ vi test1.txt
lab-04@lab04-OptiPlex-3280-AIO:~/SIT/SEM4$ mv test1 os/oslab
mv: cannot stat 'test1': No such file or directory
lab-04@lab04-OptiPlex-3280-AIO:~/SIT/SEM4$ mv test1.txt os/oslab
lab-04@lab04-OptiPlex-3280-AIO:~/SIT/SEM4$ vi test2.txt
lab-04@lab04-OptiPlex-3280-AIO:~/SIT/SEM4$ mv test2.txt os/oslab
lab-04@lab04-OptiPlex-3280-AIO:~/SIT/SEM4$ vi test3.txt
lab-04@lab04-OptiPlex-3280-AIO:~/SIT/SEM4$ cp test3.txt os/oslab
lab-04@lab04-OptiPlex-3280-AIO:~/SIT/SEM4$
```

```
lab-04@lab04-OptiPlex-3280-AIO:~/SIT/SEM4$ mv test2.txt oslab
lab-04@lab04-OptiPlex-3280-AIO:~/SIT/SEM4$ vi test1.txt
vi: command not found
lab-04@lab04-OptiPlex-3280-AIO:~/SIT/SEM4$ vi test1.txt
lab-04@lab04-OptiPlex-3280-AIO:~/SIT/SEM4$ mv test1 os/oslab
mv: cannot stat 'test1': No such file or directory
lab-04@lab04-OptiPlex-3280-AIO:~/SIT/SEM4$ mv test1.txt os/oslab
lab-04@lab04-OptiPlex-3280-AIO:~/SIT/SEM4$ vi test2.txt
lab-04@lab04-OptiPlex-3280-AIO:~/SIT/SEM4$ mv test2.txt os/oslab
lab-04@lab04-OptiPlex-3280-AIO:~/SIT/SEM4$ vi test3.txt
lab-04@lab04-OptiPlex-3280-AIO:~/SIT/SEM4$ cp test3.txt os/oslab
lab-04@lab04-OptiPlex-3280-AIO:~/SIT/SEM4$ cat test3.txt
hhhhhhhh
lab-04@lab04-OptiPlex-3280-AIO:~/SIT/SEM4$ cat test1.txt
cat: test1.txt: No such file or directory
lab-04@lab04-OptiPlex-3280-AIO:~/SIT/SEM4$ cd os
lab-04@lab04-OptiPlex-3280-AIO:~/SIT/SEM4/os$ cd oslab
lab-04@lab04-OptiPlex-3280-AIO:~/SIT/SEM4/os/oslab$ cat test1.txt
heeeeeeeee
lab-04@lab04-OptiPlex-3280-AIO:~/SIT/SEM4/os/oslab$ cd ..
lab-04@lab04-OptiPlex-3280-AIO:~/SIT/SEM4/os$ cd ..
lab-04@lab04-OptiPlex-3280-AIO:~/SIT/SEM4$ cd
lab-04@lab04-OptiPlex-3280-AIO:~$ cd SIT
lab-04@lab04-OptiPlex-3280-AIO:~/SIT$ cd SEM4
lab-04@lab04-OptiPlex-3280-AIO:~/SIT/SEM4$ ls
os  oslab  test3.txt
lab-04@lab04-OptiPlex-3280-AIO:~/SIT/SEM4$ ls -l
3947988  os  3948004  oslab  3932967  test3.txt
lab-04@lab04-OptiPlex-3280-AIO:~/SIT/SEM4$ ls -r
test3.txt  oslab  os
lab-04@lab04-OptiPlex-3280-AIO:~/SIT/SEM4$ ls -R
.:
os  oslab  test3.txt
./os:
oslab
./os/oslab:
test1.txt  test2.txt  test3.txt
lab-04@lab04-OptiPlex-3280-AIO:~/SIT/SEM4$ cd ..
lab-04@lab04-OptiPlex-3280-AIO:~/SIT$ cd ..
lab-04@lab04-OptiPlex-3280-AIO:~$ cd Desktop
lab-04@lab04-OptiPlex-3280-AIO:~/Desktop$ ls -R
.:
bin  email_validator  lex.yy.c  onk  Swayan  swayan.l
./bin:
8.y  code  count_5  cout_5.l  lex.yy.c  postfixexp.l  prac7a.l  prac7b  prac7b.tab.c  prac7b.tab.h  prac7b.y  pract10.l  prt10.tab.c  prt10.tab.h  prt10.y  y.tab.c  y.tab.h
./onk:
prac3  prac3.l
./Swayan:
swayan.txt
lab-04@lab04-OptiPlex-3280-AIO:~/Desktop$
```

```
lab-04@lab04-OptiPlex-3200-AIO: ~/Desktop
lab-04@lab04-OptiPlex-3200-AIO:~/Desktop$ mv test2.txt oslab
lab-04@lab04-OptiPlex-3200-AIO:~/Desktop$ vi test1.txt
VI: command not found
lab-04@lab04-OptiPlex-3200-AIO:~/Desktop$ vi test1.txt
lab-04@lab04-OptiPlex-3200-AIO:~/Desktop$ mv test1 os/oslab
mv: cannot stat 'test1': No such file or directory
lab-04@lab04-OptiPlex-3200-AIO:~/Desktop$ mv test1.txt os/oslab
lab-04@lab04-OptiPlex-3200-AIO:~/Desktop$ vi test2.txt
lab-04@lab04-OptiPlex-3200-AIO:~/Desktop$ mv test2.txt os/oslab
lab-04@lab04-OptiPlex-3200-AIO:~/Desktop$ vi test3.txt
lab-04@lab04-OptiPlex-3200-AIO:~/Desktop$ cp test3.txt os/oslab
lab-04@lab04-OptiPlex-3200-AIO:~/Desktop$ cat test3.txt
huhuhuhuh
lab-04@lab04-OptiPlex-3200-AIO:~/Desktop$ cat test1.txt
cat: test1.txt: No such file or directory
lab-04@lab04-OptiPlex-3200-AIO:~/Desktop$ cd os
lab-04@lab04-OptiPlex-3200-AIO:~/Desktop/os$ cd oslab
lab-04@lab04-OptiPlex-3200-AIO:~/Desktop/os/oslab$ cat test1.txt
heeeeeeeeee
lab-04@lab04-OptiPlex-3200-AIO:~/Desktop/os/oslab$ cd ..
lab-04@lab04-OptiPlex-3200-AIO:~/Desktop/os$ cd ..
lab-04@lab04-OptiPlex-3200-AIO:~/Desktop$ cd
lab-04@lab04-OptiPlex-3200-AIO:~/Desktop$ cd SIT
lab-04@lab04-OptiPlex-3200-AIO:~/Desktop$ cd SEM4
lab-04@lab04-OptiPlex-3200-AIO:~/Desktop$ ls
os  oslab  test3.txt
lab-04@lab04-OptiPlex-3200-AIO:~/Desktop$ ls -l
3947988  os  3948004  oslab  3932967  test3.txt
lab-04@lab04-OptiPlex-3200-AIO:~/Desktop$ ls -r
test3.txt  oslab  os
lab-04@lab04-OptiPlex-3200-AIO:~/Desktop$ ls -R
.:
os  oslab  test3.txt
./os:
oslab
./os/oslab:
test1.txt  test2.txt  test3.txt
lab-04@lab04-OptiPlex-3200-AIO:~/Desktop$ cd ..
lab-04@lab04-OptiPlex-3200-AIO:~/Desktop$ cd ..
lab-04@lab04-OptiPlex-3200-AIO:~/Desktop$ cd Desktop
lab-04@lab04-OptiPlex-3200-AIO:~/Desktop$ ls -R
.:
bin  email_validator  lex.yy.c  onk  Swayan  swayan.l
./bin:
0.y  code  count_5  cout_5.l  lex.yy.c  postfixexp.l  prac7a.l  prac7b  prac7b.tab.c  prac7b.tab.h  prac7b.y  pract10.l  prt10.tab.c  prt10.tab.h  prt10.y  y.tab.c  y.tab.h
./onk:
prac3  prac3.l
./Swayan:
swayan.txt
lab-04@lab04-OptiPlex-3200-AIO:~/Desktop$
```

```
lab-04@lab04-OptiPlex-3200-AIO: ~/SEM4
huhuhuhuh
lab-04@lab04-OptiPlex-3200-AIO:~/SEM4$ cat test1.txt
cat: test1.txt: No such file or directory
lab-04@lab04-OptiPlex-3200-AIO:~/SEM4$ cd os
lab-04@lab04-OptiPlex-3200-AIO:~/SEM4/os$ cd oslab
lab-04@lab04-OptiPlex-3200-AIO:~/SEM4/os/oslab$ cat test1.txt
heeeeeeeeee
lab-04@lab04-OptiPlex-3200-AIO:~/SEM4/os/oslab$ cd ..
lab-04@lab04-OptiPlex-3200-AIO:~/SEM4/os$ cd ..
lab-04@lab04-OptiPlex-3200-AIO:~/SEM4$ cd
lab-04@lab04-OptiPlex-3200-AIO:~/SEM4$ cd SIT
lab-04@lab04-OptiPlex-3200-AIO:~/SEM4$ cd SEM4
lab-04@lab04-OptiPlex-3200-AIO:~/SEM4$ ls
os  oslab  test3.txt
lab-04@lab04-OptiPlex-3200-AIO:~/SEM4$ ls -l
3947988  os  3948004  oslab  3932967  test3.txt
lab-04@lab04-OptiPlex-3200-AIO:~/SEM4$ ls -r
test3.txt  oslab  os
lab-04@lab04-OptiPlex-3200-AIO:~/SEM4$ ls -R
.:
os  oslab  test3.txt
./os:
oslab
./os/oslab:
test1.txt  test2.txt  test3.txt
lab-04@lab04-OptiPlex-3200-AIO:~/SEM4$ cd ..
lab-04@lab04-OptiPlex-3200-AIO:~/SEM4$ cd ..
lab-04@lab04-OptiPlex-3200-AIO:~/SEM4$ cd Desktop
lab-04@lab04-OptiPlex-3200-AIO:~/SEM4$ ls -R
.:
bin  email_validator  lex.yy.c  onk  Swayan  swayan.l
./bin:
0.y  code  count_5  cout_5.l  lex.yy.c  postfixexp.l  prac7a.l  prac7b  prac7b.tab.c  prac7b.tab.h  prac7b.y  pract10.l  prt10.tab.c  prt10.tab.h  prt10.y  y.tab.c  y.tab.h
./onk:
prac3  prac3.l
./Swayan:
swayan.txt
lab-04@lab04-OptiPlex-3200-AIO:~/SEM4$ ls -t
lex.yy.c  swayan.l  email_validator  Swayan  bin  onk
lab-04@lab04-OptiPlex-3200-AIO:~/SEM4$ cd ..
lab-04@lab04-OptiPlex-3200-AIO:~/SEM4$ cd SIT
lab-04@lab04-OptiPlex-3200-AIO:~/SEM4$ cd SEM4
lab-04@lab04-OptiPlex-3200-AIO:~/SEM4$ ls -t
test3.txt  oslab  os
lab-04@lab04-OptiPlex-3200-AIO:~/SEM4$ ls -lh
total 12K
drwxrwxr-x 3 lab-04 lab-04 4.0K Dec 27 10:13 os
-rw-rw-r-- 1 lab-04 lab-04 4 Dec 27 10:10 oslab
-rw-rw-r-- 1 lab-04 lab-04 10 Dec 27 10:12 test3.txt
lab-04@lab04-OptiPlex-3200-AIO:~/SEM4$
```