



Operating System

Lab Report

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Experiment # 2

Introduction to Basic Shell Commands

Objective

To Learn basic shell commands on Ubuntu Terminal.

Software Tool

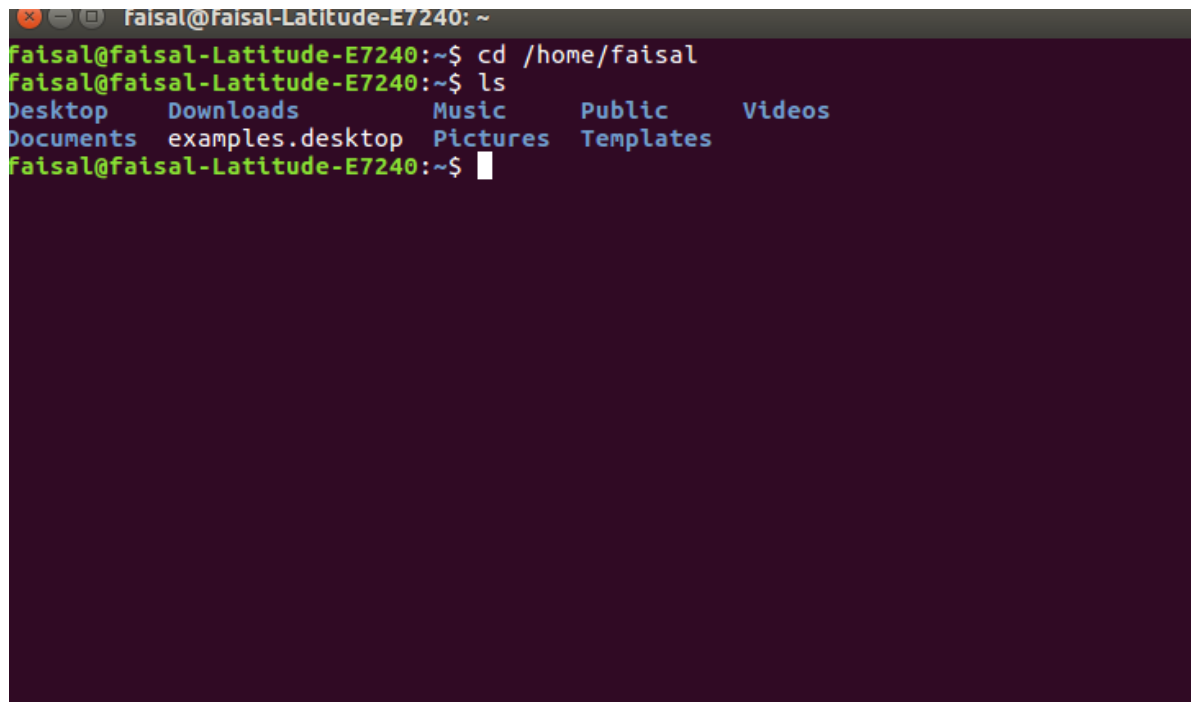
1. Ubuntu Terminal

1 Theory

This lab-task was given by Instructor to perform some basic shell commands of Ubuntu (Linux Operating System) like creating a folder, deleting a folder, modifying a file and copying, moving file from one directory to another directory. I performed this lab-task and took screenshots of results which are attached below.

2 Task

Screenshot of command 1st



```
faisal@faisal-Latitude-E7240: ~  
faisal@faisal-Latitude-E7240:~$ cd /home/faisal  
faisal@faisal-Latitude-E7240:~$ ls  
Desktop    Downloads  Music      Public     Videos  
Documents  examples.desktop  Pictures   Templates  
faisal@faisal-Latitude-E7240:~$
```

Screenshot of command 2nd & 3rd:

```
faisal@faisal-Latitude-E7240: ~  
faisal@faisal-Latitude-E7240:~$ mkdiradiradir  
mkdiradiradir: command not found  
faisal@faisal-Latitude-E7240:~$ mkdiradir  
mkdiradir: command not found  
faisal@faisal-Latitude-E7240:~$ mkdir adir  
faisal@faisal-Latitude-E7240:~$ cd /home/faisal/ ls  
faisal@faisal-Latitude-E7240:~$ ls  
adir      Documents  examples.desktop  Pictures  Templates  
Desktop   Downloads  Music              Public    Videos  
faisal@faisal-Latitude-E7240:~$
```

Screenshot of command 4th:

```
faisal@faisal-Latitude-E7240: ~/adir  
faisal@faisal-Latitude-E7240:~$ cd /home/faisal/adir  
faisal@faisal-Latitude-E7240:~/adir$
```

Screenshot of command 5th,6th,7th

```
faisal@faisal-Latitude-E7240: ~/adir
faisal@faisal-Latitude-E7240:~$ cd /home/faisal/adir
faisal@faisal-Latitude-E7240:~/adir$ cat >testfile.txt
Hi There:faisal@faisal-Latitude-E7240:~/adir$
faisal@faisal-Latitude-E7240:~/adir$ ls
testfile  testfile.txt
faisal@faisal-Latitude-E7240:~/adir$
```

Screenshot of command 8th,9th,10th

```
faisal@faisal-Latitude-E7240: ~/adir
faisal@faisal-Latitude-E7240:~/adir$ cat >>testfile
Hi therefaisal@faisal-Latitude-E7240:~/adir$
faisal@faisal-Latitude-E7240:~/adir$ cat testfile
Hi therefaisal@faisal-Latitude-E7240:~/adir$
faisal@faisal-Latitude-E7240:~/adir$ cat >>secondfile
Hi ther its second file
faisal@faisal-Latitude-E7240:~/adir$
faisal@faisal-Latitude-E7240:~/adir$ cat secondfile
Hi ther its second file
faisal@faisal-Latitude-E7240:~/adir$
```

Screenshot of command 11th,12th,13th

```
faisal@faisal-Latitude-E7240: ~/adir
faisal@faisal-Latitude-E7240:~/adir$ cat >>testfile
i therefaisal@faisal-Latitude-E7240:~/adir$
faisal@faisal-Latitude-E7240:~/adir$ cat testfile
i therefaisal@faisal-Latitude-E7240:~/adir$
faisal@faisal-Latitude-E7240:~/adir$ cat >>secondfile
i ther its second file
faisal@faisal-Latitude-E7240:~/adir$
faisal@faisal-Latitude-E7240:~/adir$ cat secondfile
i ther its second file
faisal@faisal-Latitude-E7240:~/adir$ rm testfile
faisal@faisal-Latitude-E7240:~/adir$ ls
econdfile  testfile.txt
faisal@faisal-Latitude-E7240:~/adir$
```

Screenshot of command 15th,17th,18th,19th

```
faisal@faisal-Latitude-E7240: ~
faisal@faisal-Latitude-E7240:~/adir$ mv secondfile thefile
faisal@faisal-Latitude-E7240:~/adir$ ls
testfile.txt  thefile
faisal@faisal-Latitude-E7240:~/adir$ cp thefile /home/faisal
faisal@faisal-Latitude-E7240:~/adir$ ls
testfile.txt  thefile
faisal@faisal-Latitude-E7240:~/adir$ cd
faisal@faisal-Latitude-E7240:~$ ls
adir      Documents  examples.desktop  Pictures  Templates  Videos
Desktop   Downloads  Music              Public    thefile
faisal@faisal-Latitude-E7240:~$ rm thefile
faisal@faisal-Latitude-E7240:~$ ls
adir      Documents  examples.desktop  Pictures  Templates
Desktop   Downloads  Music              Public    Videos
faisal@faisal-Latitude-E7240:~$
```

Screenshot of command 20th, 21st, 22nd, 23rd, 24th, 25th, 26th

```
faisal@faisal-Latitude-E7240: ~  
faisal@faisal-Latitude-E7240:~/Documents$ cp /home/faisal/thefile  
cp: missing destination file operand after '/home/faisal/thefile'  
Try 'cp --help' for more information.  
faisal@faisal-Latitude-E7240:~/Documents$ cp /home/faisal/thefile /home/faisal/D  
ocuments  
faisal@faisal-Latitude-E7240:~/Documents$ ls  
thefile  
faisal@faisal-Latitude-E7240:~/Documents$ cd  
faisal@faisal-Latitude-E7240:~$ ls  
adir    Documents  examples.desktop  Pictures  Templates  Videos  
Desktop  Downloads  Music             Public    thefile  
faisal@faisal-Latitude-E7240:~$ rm thefile  
faisal@faisal-Latitude-E7240:~$ ls  
adir    Documents  examples.desktop  Pictures  Templates  
Desktop  Downloads  Music             Public    Videos  
faisal@faisal-Latitude-E7240:~$ rm adir  
rm: cannot remove 'adir': Is a directory  
faisal@faisal-Latitude-E7240:~$ rm -r adir  
faisal@faisal-Latitude-E7240:~$ ls  
Desktop  Downloads  Music    Public    Videos  
Documents examples.desktop  Pictures  Templates  
faisal@faisal-Latitude-E7240:~$
```