



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

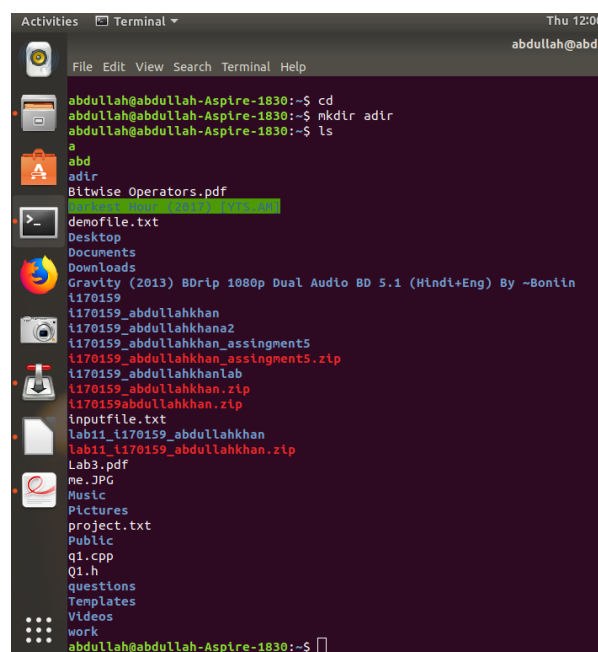
1. Ubuntu Terminal

1 Theory

Objective of this lab task is to learn the basic shell commands of Ubuntu Operating system. I used Terminal of Ubuntu to perform all tasks; creating file, creating directory, editing file, copying and pasting and changing directories by command lines. I have attached screenshots of the results follows. Multiple results/commands are in single screenshot.

2 Task

Screenshot of command 1st, 2nd, 3rd :



```
abduallah@abduallah-Aspire-1830:~$ cd
abduallah@abduallah-Aspire-1830:~$ mkdir adir
abduallah@abduallah-Aspire-1830:~$ ls
a
abd
adir
Bitwise Operators.pdf
demoFile.txt
Desktop
Documents
Downloads
Gravity (2013) 8Drip 1080p Dual Audio BD 5.1 (Hindi+Eng) By ~Bontin
i170159
i170159_abduallahkhan
i170159_abduallahkhana2
i170159_abduallahkhan_assingment5
i170159_abduallahkhanLab
i170159_abduallahkhan.zip
i170159abduallahkhan.zip
inputfile.txt
lab11_i170159_abduallahkhan
lab11_i170159_abduallahkhan.zip
lab3.pdf
me.JPG
Music
Pictures
project.txt
Public
q1.cpp
Q1.h
questions
Templates
Videos
work
abduallah@abduallah-Aspire-1830:~$
```

Screenshot of command 4th, 5th, 6th, 7th, 8th, 9th, 10th, 11th, 12th, 13th.

```
Activities Terminal ▾ Thu 12:41 AM
abdullah@abdullah-Aspire-1830: ~
File Edit View Search Terminal Help
abdullah@abdullah-Aspire-1830:~$ cd /home/abdullah/adir
abdullah@abdullah-Aspire-1830:~/adir$ ls
abdullah@abdullah-Aspire-1830:~/adir$ cat > testfile
Test File Created Successfully!
abdullah@abdullah-Aspire-1830:~/adir$ ls
testfile
abdullah@abdullah-Aspire-1830:~/adir$ cat testfile
Test File Created Successfully!
abdullah@abdullah-Aspire-1830:~/adir$ cp testfile secondfile
abdullah@abdullah-Aspire-1830:~/adir$ ls
secondfile testfile
abdullah@abdullah-Aspire-1830:~/adir$ cat testfile secondfile
Test File Created Successfully!
Test File Created Successfully!
abdullah@abdullah-Aspire-1830:~/adir$ rm testfile
abdullah@abdullah-Aspire-1830:~/adir$ ls
secondfile
abdullah@abdullah-Aspire-1830:~/adir$ clear
```

Screenshot of command 15th,17th,18th,19th 20th,21st,22nd,23rd:

```
Activities Terminal ▾ Thu 12:41 AM
abdullah@abdullah-Aspire-1830: ~
File Edit View Search Terminal Help
abdullah@abdullah-Aspire-1830:~/adir$ mv secondfile thefile
abdullah@abdullah-Aspire-1830:~/adir$ ls
thefile
abdullah@abdullah-Aspire-1830:~/adir$ cp thefile /home/abdullah/
abdullah@abdullah-Aspire-1830:~/adir$ ls
thefile
abdullah@abdullah-Aspire-1830:~/adir$ cd
abdullah@abdullah-Aspire-1830:~$ ls
a Gravity (2013) BDrip 1080p Dual Audio BD 5.1 (Hindi+Eng) By ~Bonitn inputfile.txt q1.cpp
abd i170159 lab11_i170159_abdullahkhan Q1.h
adir i170159_abdullahkhan Lab11_i170159_abdullahkhan.zip questions
Bitwise Operators.pdf i170159_abdullahkhana2 Templates
demofile.txt i170159_abdullahkhan_assingment5 thefile
Desktop i170159_abdullahkhan_assingment5.zip Music
Documents i170159_abdullahkhanLab Pictures
Downloads i170159_abdullahkhan.zip project.txt
i170159abdullahkhan.zip Public
abdullah@abdullah-Aspire-1830:~$ cd /home/abdullah/adir
bash: cd: /home/abdullah/adir: No such file or directory
abdullah@abdullah-Aspire-1830:~$ cd /home/abdullah/adir
abdullah@abdullah-Aspire-1830:~/adir$ rm thefile
abdullah@abdullah-Aspire-1830:~/adir$ ls
abdullah@abdullah-Aspire-1830:~/adir$ cp /home/abdullah/thefile /home/abdullah/adir
abdullah@abdullah-Aspire-1830:~/adir$ ls
thefile
abdullah@abdullah-Aspire-1830:~/adir$ cd
abdullah@abdullah-Aspire-1830:~$ ls
a Gravity (2013) BDrip 1080p Dual Audio BD 5.1 (Hindi+Eng) By ~Bonitn inputfile.txt q1.cpp
abd i170159 lab11_i170159_abdullahkhan Q1.h
adir i170159_abdullahkhan Lab11_i170159_abdullahkhan.zip questions
Bitwise Operators.pdf i170159_abdullahkhana2 Templates
demofile.txt i170159_abdullahkhan_assingment5 thefile
Desktop i170159_abdullahkhan_assingment5.zip Music
Documents i170159_abdullahkhanLab Pictures
Downloads i170159_abdullahkhan.zip project.txt
i170159abdullahkhan.zip Public
```

Screenshot of command 24th,25th,26th 27th,28th:

[illegible]