Mawlana Bhashani Science and Technology University

Lab-Report

Report No: 02

Course code: ICT-3110

Course title: Operating System Lab

Date of Performance:

Date of Submission:

Submitted by

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ID: IT-18016

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Dept. of ICT

MBSTU.
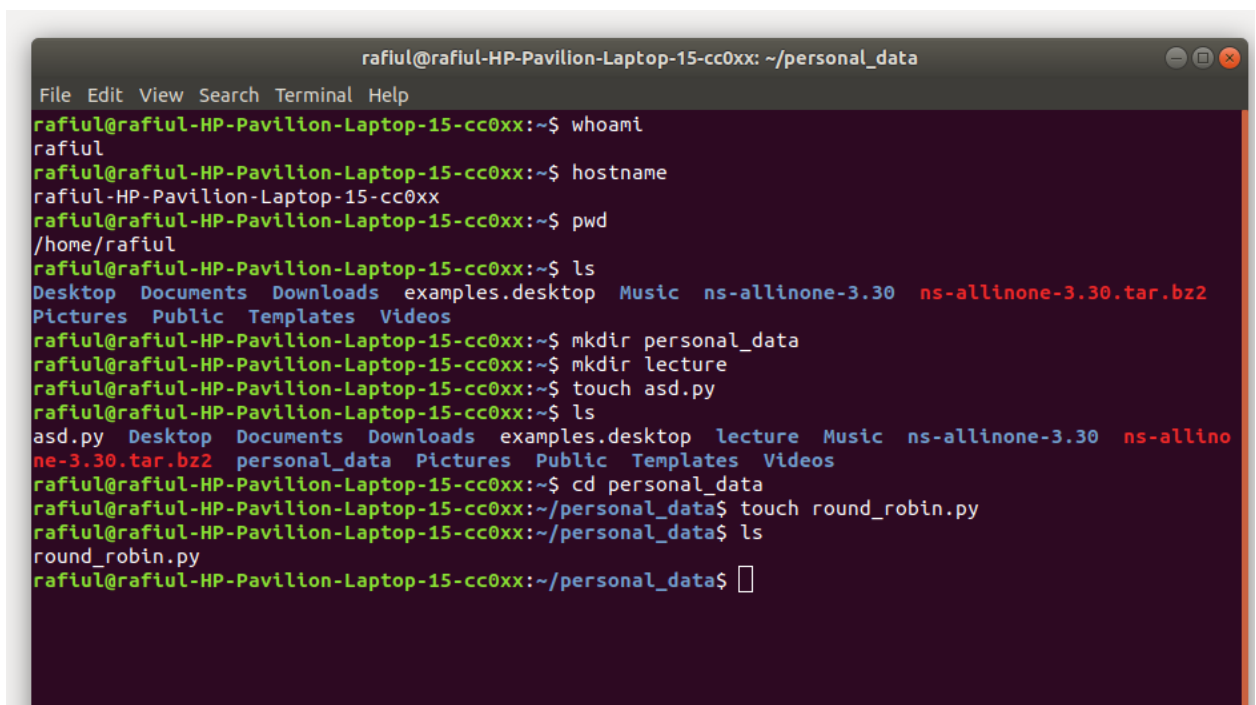
Submitted To

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Assistant Professor

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Experiment no : 02

Experiment Name: BASIC LINUX COMMAND

1. **$whoami** : It shows who logged on this system.
2. **$hostname** : It tells on which machine you are.
3. **$pwd** : Shows the path of current working directory.
4. **$ls** : Displays the list of the files of the current directory.
5. **$mkdir(directory name**) : Creating a directory with specified directory name.
6. **$cd :** Moves one directory up.
7. **$rmdir (directory name)** : Removes entire directory.
8. **$ rm(file name)** : Removes file name.
9. **$mv (name1) (name2)** : Rename the directories or files.
10. **$mv (name) (path)** : Moves files to the specified path.

```
rafiul@rafiul-HP-Pavilion-Laptop-15-cc0xx: ~/personal_data

File  Edit  View  Search  Terminal  Help
rafiul@rafiul-HP-Pavilion-Laptop-15-cc0xx:~$ whoami
rafiul
rafiul@rafiul-HP-Pavilion-Laptop-15-cc0xx:~$ hostname
rafiul-HP-Pavilion-Laptop-15-cc0xx
rafiul@rafiul-HP-Pavilion-Laptop-15-cc0xx:~$ pwd
/home/rafiul
rafiul@rafiul-HP-Pavilion-Laptop-15-cc0xx:~$ ls
Desktop   Documents   Downloads   examples.desktop   Music   ns-allinone-3.30   ns-allinone-3.30.tar.bz2
Pictures   Public   Templates   Videos
rafiul@rafiul-HP-Pavilion-Laptop-15-cc0xx:~$ mkdir personal_data
rafiul@rafiul-HP-Pavilion-Laptop-15-cc0xx:~$ mkdir lecture
rafiul@rafiul-HP-Pavilion-Laptop-15-cc0xx:~$ touch asd.py
rafiul@rafiul-HP-Pavilion-Laptop-15-cc0xx:~$ ls
asd.py  Desktop  Documents  Downloads  examples.desktop  lecture  Music  ns-allinone-3.30  ns-allino
ne-3.30.tar.bz2  personal_data  Pictures  Public  Templates  Videos
rafiul@rafiul-HP-Pavilion-Laptop-15-cc0xx:~$ cd personal_data
rafiul@rafiul-HP-Pavilion-Laptop-15-cc0xx:~/personal_data$ touch round_robin.py
rafiul@rafiul-HP-Pavilion-Laptop-15-cc0xx:~/personal_data$ ls
round_robin.py
rafiul@rafiul-HP-Pavilion-Laptop-15-cc0xx:~/personal_data$ 
```

```
rafiul@rafiul-HP-Pavilion-Laptop-15-cc0xx:~$ cd personal_data
rafiul@rafiul-HP-Pavilion-Laptop-15-cc0xx:~/personal_data$ touch round_robin.py
rafiul@rafiul-HP-Pavilion-Laptop-15-cc0xx:~/personal_data$ ls
round_robin.py
rafiul@rafiul-HP-Pavilion-Laptop-15-cc0xx:~/personal_data$ cls

Command 'cls' not found, but there are 17 similar ones.

rafiul@rafiul-HP-Pavilion-Laptop-15-cc0xx:~/personal_data$ mkdir c++
rafiul@rafiul-HP-Pavilion-Laptop-15-cc0xx:~/personal_data$ cd c++
rafiul@rafiul-HP-Pavilion-Laptop-15-cc0xx:~/personal_data/c++$ cd..
cd..: command not found
rafiul@rafiul-HP-Pavilion-Laptop-15-cc0xx:~/personal_data/c++$ cd ..
rafiul@rafiul-HP-Pavilion-Laptop-15-cc0xx:~/personal_data$ rm round_robin.py
rafiul@rafiul-HP-Pavilion-Laptop-15-cc0xx:~/personal_data$ ls
c++
rafiul@rafiul-HP-Pavilion-Laptop-15-cc0xx:~/personal_data$ mv c++ c
rafiul@rafiul-HP-Pavilion-Laptop-15-cc0xx:~/personal_data$ ls
c
rafiul@rafiul-HP-Pavilion-Laptop-15-cc0xx:~/personal_data$ 
```