

NATIONAL UNIVERSITY OF MODERN LANGUAGES
ISLAMABAD



OPERATING SYSTEM (LAB)

Lab Report: 13

Submitted to
Mr.Meesum Raza

Submitted By

Adeel Naeem

(BSAI-146)

Junaid Asif

(BSAI-144)

Syed Qasim Ali

(BSAI-161)

Question # 01

- Find out what permissions are set on your home directory (as a normal user). Can other users access files inside it?

```
junaidasifdev@Joni:~$ ls -ld ~  
drwxr-xr-x 7 junaidasifdev junaidasifdev 4096 Dec 15 14:08 /home/junaidasifdev
```

- If your home directory is only accessible to you, then change the permissions to allow other people to read files inside it, otherwise change it so that they can't.

```
junaidasifdev@Joni:~$ chmod o+rx ~  
junaidasifdev@Joni:~$ chmod o-rx ~  
junaidasifdev@Joni:~$
```

- Check the permissions on /bin and /bin/ls and satisfy yourself that they are reasonable.

```
junaidasifdev@Joni:~$ ls -ld /bin  
lrwxrwxrwx 1 root root 7 May 31 2023 /bin -> usr/bin  
junaidasifdev@Joni:~$ ls -l /bin/ls  
-rwxr-xr-x 1 root root 142144 Sep 5 2019 /bin/ls
```

- Check the permissions available on /etc/passwd and /etc/shadow.

```
junaidasifdev@Joni:~$ ls -l /etc/passwd /etc/shadow  
-rw-r--r-- 1 root root 1848 Oct 24 08:13 /etc/passwd  
-rw-r----- 1 root shadow 1067 Oct 24 08:13 /etc/shadow
```

- Write one command which would allow people to browse through your home directory and any subdirectories inside it and read all the files.

```
junaidasifdev@Joni:~$ chmod -R o+rx ~  
junaidasifdev@Joni:~$
```

