uname

man ls

mkdir lecture

mkdir lecture\ 1

mkdir dir1 dir2

mkdir 8 9 10 11

mkdir -p one/two/three

mkdir -p four/{five,six}

cd /home/dipta/Desktop/lecture\ 1/four/five

cd /

cd / cd home

touch a1.txt

touch a2.txt a3.txt

cat >a4.txt

-write

ctrl+d to close

File Directory and Permissions

ls -l

chmod u+x a1.txt

ls -l

chmod g-w a1.txt

chmod o+w a1.txt

ls -l

chmod u=rx a2.txt

R w x

2^2 2^1 2^0

1 1 0 =6

101=5

011=3

111=7

Copy-

cp a1.txt /home/dipta/Desktop/lecture\ 1/four/five

mv a2.txt a3.txt 8

mv a4.txt 8

rename-

mv a1.txt a7.txt

Remove–

rm 17.txt

mv a1.txt a7.txt

rm -r 8

rm -r 10 11

y

Wsl - windows subsystem linux

Lab 2

Running a C program

Creating c files– touch variable.c

Running files:

Compiling: gcc variable.c -o variable

gcc hello.c

gcc data\_type.c -o data && ./data

Run: ./variable

Pointer→ address to another variable

\*var → pointer

var = &a → var will store the address of a

Lab 3

dipta@hp-HP-280-Pro-G6-Microtower-PC:~/Desktop/20301125\_lab 3$ touch task1.c

dipta@hp-HP-280-Pro-G6-Microtower-PC:~/Desktop/20301125\_lab 3$ chmod u=rwx task1.c

dipta@hp-HP-280-Pro-G6-Microtower-PC:~/Desktop/20301125\_lab 3$ ls -l

dipta@hp-HP-280-Pro-G6-Microtower-PC:~/Desktop/20301125\_lab 3$ gedit task1.c

dipta@hp-HP-280-Pro-G6-Microtower-PC:~/Desktop/20301125\_lab 3$ gcc task1.c -o task1 && ./task1

touch task2.c

touch a.txt

Chmod u=rwx a.txt

./t 1 2 3

dipta@hp-HP-280-Pro-G6-Microtower-PC:~/Desktop/20301125\_lab 3$ gcc task7.c -o task7 && ./task7 1 2