C PROGRAMMING ASSIGNMENT: 1

DATE: 08.10.21

SUBMITTED BY: -

NAME: MUKTESHMISHRA

BRANCH: CSE

SECTION: B22

ROLL NO.: 21052258

LINUX COMMANDS:

i. **man**: It displays an on-line manual page for a command that it gives detailed information of a command how to use it.

ii. **ls**: It lists the contents of a directory, and can be used to obtain information on the files and directories within it.

iii. **pwd**: It Shows the current location in the directory tree. In other words, the command gives the full pathname of your current directory.

iv. **cd:** It changes the current directory to other directory depending on the options and/or name of the directory.

v. **mkdir**: It creates a new directory.

vi. **cp:** Copies source file to target file. Both files will be present.

vii. **mv:** It moves a file to a new location, or renames it. Source file name will be deleted.

viii. **rm:** It removes the specified files from the file system. Directories are not removed by rm unless the option -r is used.

ix. **rmdir:** It deletes the specified directory, provided it is already empty.

x. **whereis:** It shows possible locations of file.

xi. **gedit:** It will open the gedit editor window.

xii. **gcc:** It compiles the file the said file.

xiii. **./a.out:** To get the output, we use the following Linux command.

Program 1: Write a program to print your university details.

Code:

```c
#include <stdio.h>
//This program will display my university details
int main()
{
    printf("I'm Muktesh Mishra\n");
    printf("From section B22\n");
    printf("My roll number is: 21052258\n");
    printf("My branch is computer science and engineering\n");
    return 0;
}
```

Output:

```
Install the latest PowerShell for new features and improv

PS C:\Users\HP\Desktop\c\lab> cd "c:\Users\HP\Desktop\c\l
I'm Muktesh Mishra
From section B22
My roll number is: 21052258
My branch is computer science and engineering
PS C:\Users\HP\Desktop\c\lab\8oct21_lab>
```

Program 2: Write a program to print KIIT in '*' pattern.

Code:

```c
#include<stdio.h>
//Printing KIIT in * format
int main(int argc, char const *argv[])
{
    printf("*  *   ******  ******  *******\n");
    printf("* *      *       *        *\n");
    printf("**       *       *        *\n");
    printf("* *      *       *        *\n");
    printf("*   *  ******  ******     *\n");

    return 0;
}
```

Output:

```
PS C:\Users\HP\Desktop\c\lab> cd "c:\Users\HP\Desktop\c\lab\8oct21_lab\
*  *   ******  ******  *******
* *      *       *        *
**       *       *        *
* *      *       *        *
*   *  ******  ******     *
PS C:\Users\HP\Desktop\c\lab\8oct21_lab>
```