

# Lab-2

Date : 10/09/2025

//22.PROGRAM TO CALCULATE FACTORIAL OF A Number.

```
#include<stdio.h>

int main()
{
    int b,f=1;
    printf("enter value of b=");
    scanf("%d",&b);
    while (b!=0)
    {
        f=f*b;
        b--;
    }
    printf("factorial of b=%d",f);

}
```

```
C 22.c > main()
1 //22.PROGRAM TO CALCULATE FACTORIAL OF A Number.
2
3 #include<stdio.h>
4 int main()
5 {
6     int b,f=1;
7     printf("enter value of b:");
8     scanf("%d",&b);
9     while (b!=0)
10    {
11        f=f*b;
12        b--;
13    }
14
15     printf("factorial of b=%d",f);
16
17
18
19
20
```

```
PS C:\Users\Sunit\Desktop\vscode\c\lg> cd "c:\Users\Sunit\Desktop\vscode\c\lg" ; if ($?) { gcc 22.c -o 22 } ; if ($?) { .\22 }
enter value of b=5
factorial of b=120
PS C:\Users\Sunit\Desktop\vscode\c\lg>
```