**//Program: Factorial of a Given Number**

#include<stdio.h>

void main()

{

int n;

clrscr();

printf(" Enter the Number \n");

scanf("%d",&n);

printf("The factorial of %d is %d \n",n,fact(n));

}

**// Function to find factorial**

fact(int n)

{

if(n == 0) return 1;

else

return(n\*fact(n-1));

}

**Output 1:-**

Enter the Number

5

The factorial of 5 is 120

**Output 2:-**

Enter the Number

0

The factorial of 0 is 1