ASSIGNMENT NO:- 03

**PROGRAM:**

**#include<stdio.h>**

**int factorial(int a){**

**if(a==1){**

**return 1;**

**}**

**return a\*factorial(a-1);**

**}**

**int main(){**

**int a;**

**printf("Enter a number : ");**

**scanf("%d",&a);**

**printf("The factorial of %d is %d",a,factorial(a));**

**}**

**OUTPUT:**



