**FIND THE FACTORIAL OF A NUMBER**

**AIM:**

To write a c program to find the factorial of a given number.

**ALGORITHM:**

1. START
2. Read the number
3. Initialize the values of i=1 and fact =1
4. Repeat step 4 through 6 until i=n
5. fact=fact\*i
6. i=i+1
7. print fact variable
8. STOP

**SOURCE CODE:**

#include<stdio.h>

#include<conio.h>

void main(){

int i, num,fact=1;

printf("Enter number=");

scanf("%d",&num);

for(i=1;i<=num;i++) fact\*=i;

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

getch();

}

**OUTPUT:**

Enter number=5

The factorial is 120