ALGORITHM:

Step:1 start

Step :2 Declare Variable n, fact, i

Step:3 Read the number from user

Step :4 Initialize Variable fact=1and i=1

Step:5 Repeat until I <=number

Fact=fact\*i

I=i+1

Step :6 print fact

Step :7 stop.

PROGRAM:

// C program to find factorial of given number //

#include<stdio.h>

{

If(n==0)

return1;

return n\*factorial(n-1);

}

Int main()

{

Int num=5;

Print f(“factorial of %d is %d”)

Num , factorial(num));

Return 0;

}

OUTPUT:

