

QUESTION

Write a C program to find the factorial of a number inputted by the user.

CODE

```
main.c
1  /******
2
3      Online C Compiler.
4      Code, Compile, Run and Debug C program online.
5      Write your code in this editor and press "Run" button to compile and execute it.
6
7  *****/
8
9  #include <stdio.h>
10 void main()
11 {
12     int N,n,fact=1;
13     printf("Enter a number : ");
14     scanf("%d",&N);
15     n=N;
16     while(n>0)
17     {
18         fact=fact*n;
19         n=n-1;
20     }
21     printf("Factorial of %d = %d",N,fact);
22 }
```

OUTPUT

```
Enter a number : 6
Factorial of 6 = 720
```