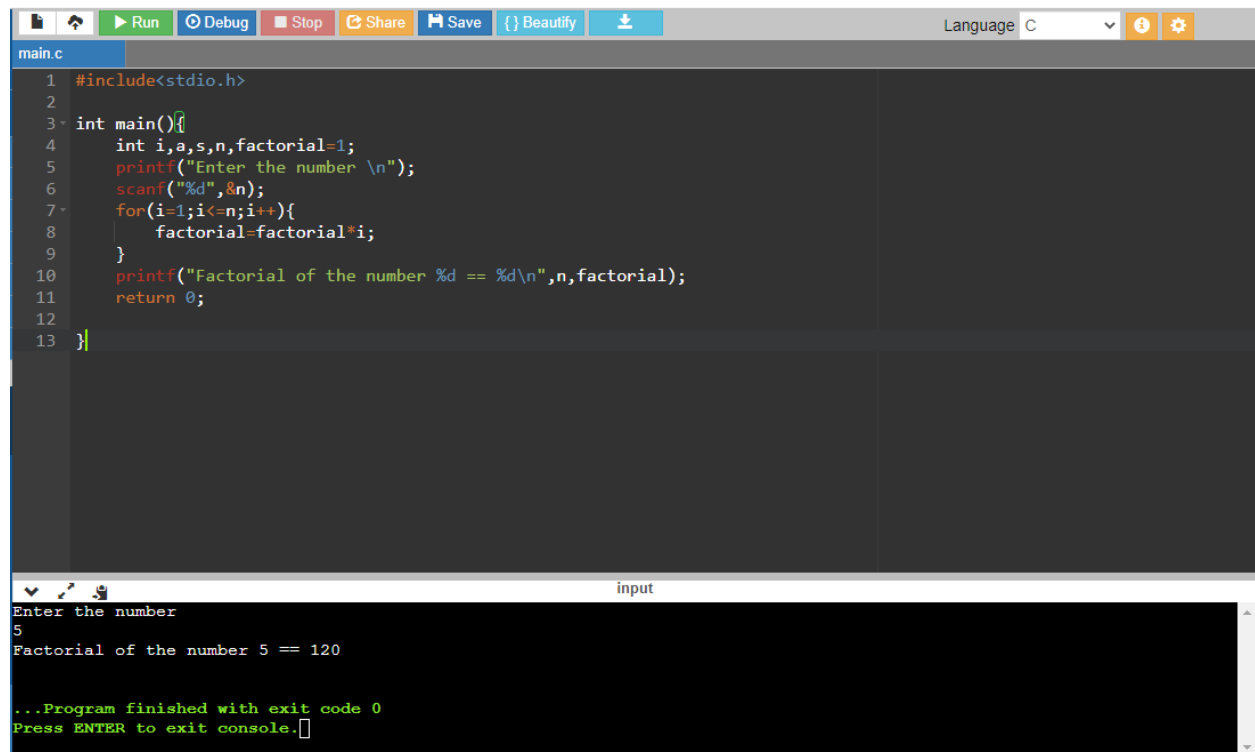


Q-} WRITE FACTORIAL OF THE NUMBER

```
#include<stdio.h>
```

```
int main(){
    int i,a,s,n,factorial=1;
    printf("Enter the number \n");
    scanf("%d",&n);
    for(i=1;i<=n;i++){
        factorial=factorial*i;
    }
    printf("Factorial of the number %d == %d\n",n,factorial);
    return 0;
}
```

The image shows a screenshot of a code editor with a dark theme. The editor has a toolbar at the top with icons for Run, Debug, Stop, Share, Save, Beautify, and Download. The language is set to C. The code in the editor is a C program to calculate the factorial of a number. Below the editor, there is a console window showing the program's execution. The user enters the number 5, and the program outputs the factorial of 5, which is 120. The program then finishes with exit code 0.

```
1 #include<stdio.h>
2
3 int main(){
4     int i,a,s,n,factorial=1;
5     printf("Enter the number \n");
6     scanf("%d",&n);
7     for(i=1;i<=n;i++){
8         factorial=factorial*i;
9     }
10    printf("Factorial of the number %d == %d\n",n,factorial);
11    return 0;
12
13 }
```

input

Enter the number  
5  
Factorial of the number 5 == 120

...Program finished with exit code 0  
Press ENTER to exit console.