

Q-) WRITE FIBONACCI SERIES.....

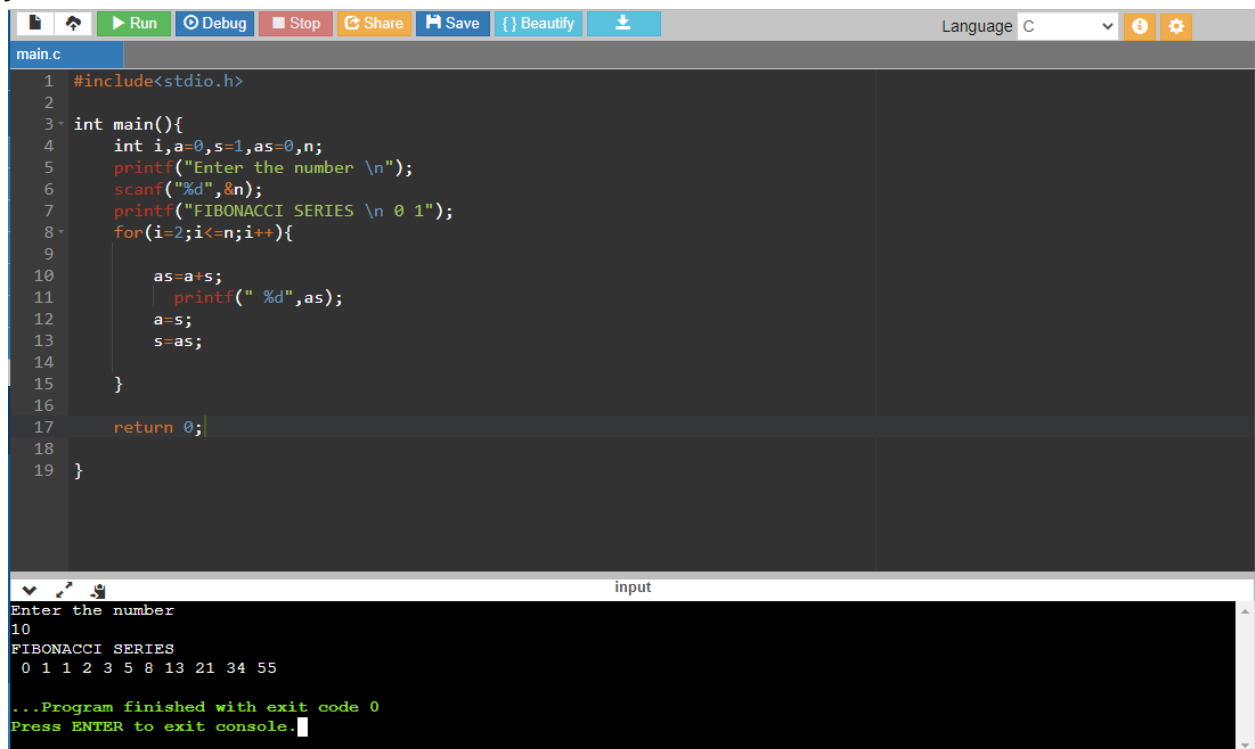
```
#include<stdio.h>
```

```
int main(){
    int i,a=0,s=1,as=0,n;
    printf("Enter the number \n");
    scanf("%d",&n);
    printf("FIBONACCI SERIES \n 0 1");
    for(i=2;i<=n;i++){

        as=a+s;
        printf(" %d",as);
        a=s;
        s=as;

    }

    return 0;
}
```



The screenshot shows a code editor window titled 'main.c' with a toolbar at the top containing icons for Run, Debug, Stop, Share, Save, Beautify, and a download icon. The language is set to 'C'. The code in the editor is the same C program for generating the Fibonacci series. Below the editor is a console window titled 'input' showing the program's execution. The user entered '10' for the number. The output shows the Fibonacci series: '0 1 1 2 3 5 8 13 21 34 55'. The program finished with exit code 0, and the console prompts the user to press ENTER to exit.

```
1 #include<stdio.h>
2
3 int main(){
4     int i,a=0,s=1,as=0,n;
5     printf("Enter the number \n");
6     scanf("%d",&n);
7     printf("FIBONACCI SERIES \n 0 1");
8     for(i=2;i<=n;i++){
9
10        as=a+s;
11        printf(" %d",as);
12        a=s;
13        s=as;
14
15    }
16
17    return 0;
18
19 }
```

input

```
Enter the number
10
FIBONACCI SERIES
0 1 1 2 3 5 8 13 21 34 55
...Program finished with exit code 0
Press ENTER to exit console.
```