

2.

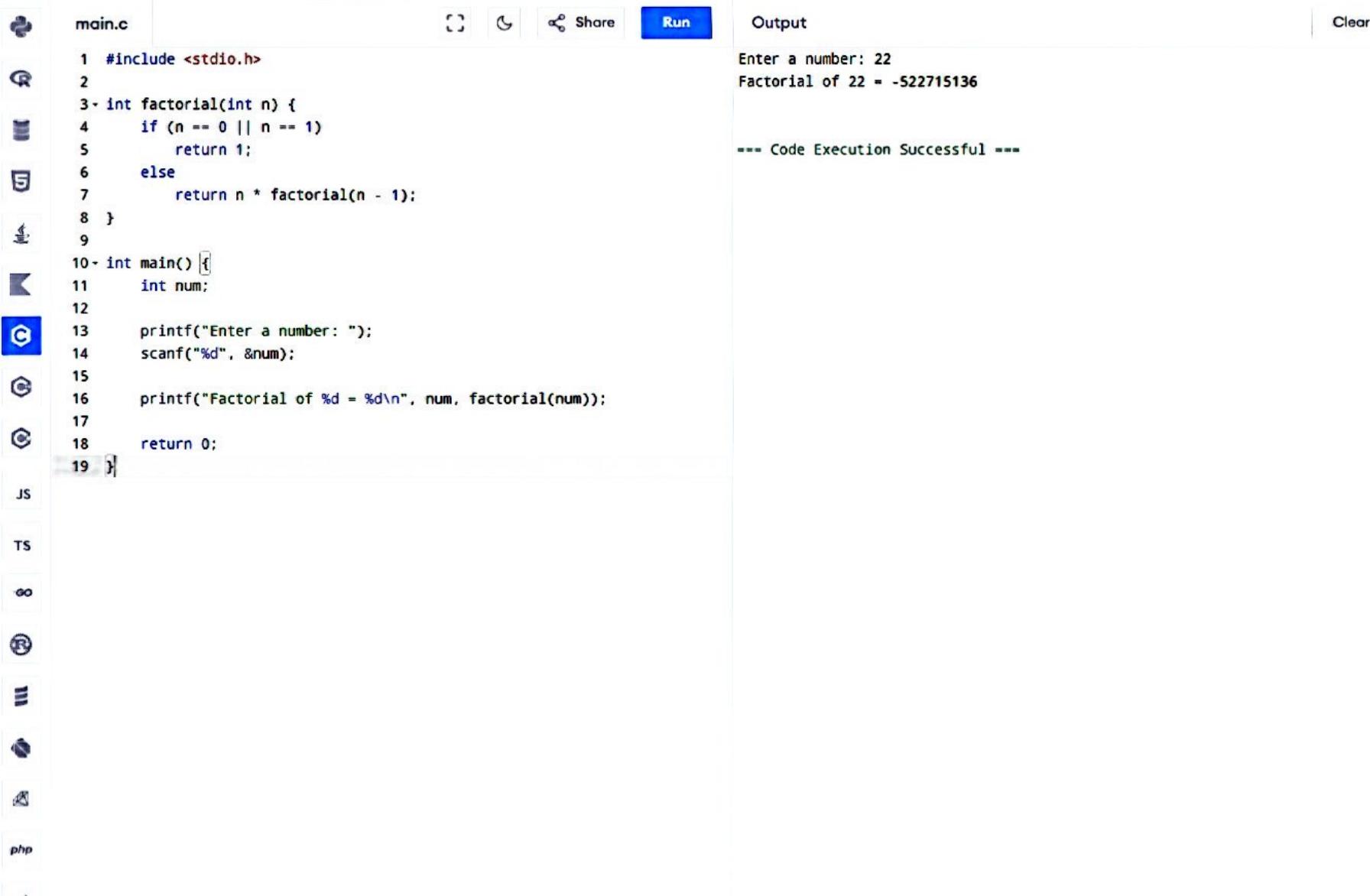
```
#include <stdio.h>

int factorial (int n) {
    if (n == 0 || n == 1)
        return 1;
    else
        return n * factorial (n-1);
}

int main () {
    int num;
    printf ("Enter a number : ");
    scanf ("%d", &num);
    printf ("Factorial of %d = %d\n", num, factorial (num));
    return 0;
}
```

OUTPUT :-

Enter a number : 22  
Factorial of 22 = -522715136



main.c

Run

Output

Clear

```
1 #include <stdio.h>
2
3 int factorial(int n) {
4     if (n == 0 || n == 1)
5         return 1;
6     else
7         return n * factorial(n - 1);
8 }
9
10 int main() {
11     int num;
12
13     printf("Enter a number: ");
14     scanf("%d", &num);
15
16     printf("Factorial of %d = %d\n", num, factorial(num));
17
18     return 0;
19 }
```

Enter a number: 22

Factorial of 22 = -522715136

==== Code Execution Successful ===

JS

TS

Go

Python

Java

PHP

SQL