

C Programming Assignment 1

Arjun Vankani

August 2025

1 Addition of two numbers

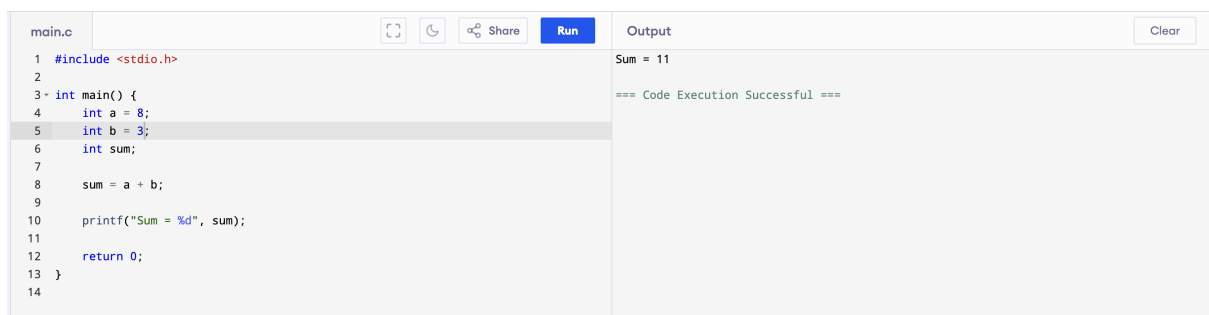
```
#include <stdio.h>

int main() {
    int a = 8;
    int b = 3;
    int sum;

    sum = a + b;

    printf("Sum = %d", sum);

    return 0;
}
```



The screenshot shows a C programming IDE with a code editor on the left and an output window on the right. The code in the editor is the same as shown in the previous block. The output window displays the result of the program's execution.

```
main.c [Icons] [Run] [Share] [Clear]
1 #include <stdio.h>
2
3 int main() {
4     int a = 8;
5     int b = 3;
6     int sum;
7
8     sum = a + b;
9
10    printf("Sum = %d", sum);
11
12    return 0;
13 }
14
```

Output

```
Sum = 11
=== Code Execution Successful ===
```

Figure 1: addition of two numbers