

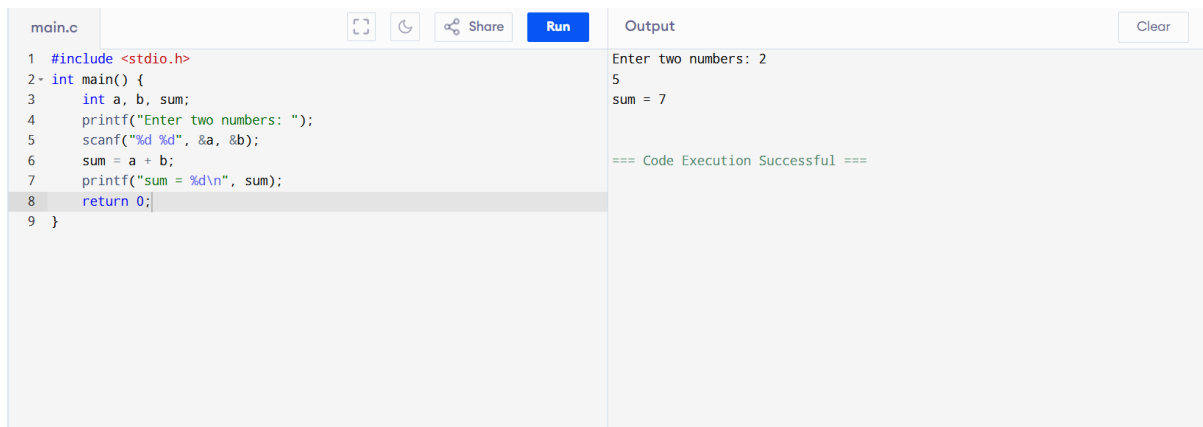
c programming assignment 1

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1 Add two numbers.

```
#include <stdio.h>
int main() {
    int a, b, sum;
    printf("Enter two numbers: ");
    scanf("%d %d", &a, &b);
    sum = a + b;
    printf("sum = %d\n", sum);
    return 0;
}
```



The screenshot shows a code editor with a file named 'main.c'. The code is a C program to add two numbers. It includes the standard input/output header, defines a main function, declares three integer variables (a, b, and sum), prompts the user to enter two numbers, reads the input using scanf, calculates the sum, and prints the result using printf. The code is syntactically correct and follows standard C conventions.

The output window on the right shows the program's execution. It displays the prompt 'Enter two numbers: 2' followed by '5' on the next line, indicating the user input. Below the input, it shows 'sum = 7', which is the result of adding 2 and 5. At the bottom of the output window, it says '=== Code Execution Successful ===', indicating that the program ran without any errors.

Figure 1: program 1