

**sum\_two\_num.c**

```
1 #include <stdio.h>
2
3 /*
4 * Program to sum two numbers entered by the user
5 * process: 1
6 */
7
8 int main(){
9     // Declare variables
10    int num1;
11    int num2;
12    int sum;
13    // Prompt user for first number
14    printf("Enter first number: ");
15    // Read first number
16    scanf("%d", &num1);
17    // Prompt user for second number
18    printf("Enter second number: ");
19    // Read second number
20    scanf("%d", &num2);
21    // Calculate sum
22    sum = num1 + num2;
23    // Display result
24    printf("The sum of %d and %d is %d\n", num1, num2, sum);
25    return 0;
26 }
27
28 /*
29 ****
30 * Sample Output:
31 * Enter first number: 5
32 * Enter second number: 10
33 * The sum of 5 and 10 is 15
34 ****
35 */
```