

```
1 // Adds two provided integers together using a function
2 #include <cs50.h>
3 #include <stdio.h>
4
5 // Function prototype
6 int add_two_ints(int x, int y);
7
8 int main(void)
9 {
10     // Get two integers from the user
11     int first = get_int("Integer please: ");
12     int second = get_int("Another integer please: ");
13
14     // Call a function to add the numbers together
15     int sum = add_two_ints(first, second);
16
17     // Display the result
18     printf("The sum of %i and %i is %i\n", first, second, sum);
19 }
20
21 // Function definition
22 int add_two_ints(int x, int y)
23 {
24     return x + y;
25 }
```