

```
1 // Displays the value of two variables
2 #include <stdio.h>
3
4 int main(void)
5 {
6     // Declare a variable x as an integer, assign 42 to it
7     int x = 42;
8
9     // Declare a variable y as an integer, assign x + 1 to it
10    int y = x + 1;
11
12    // Display the value of x
13    printf("x is %i\n", x);
14
15    // Display the value of y
16    printf("y is %i\n", y);
17
18 }
```