

**This is essentially the same as the first While Loop but notice the change in the condition demonstrates the use of while(true) with a return 0 to stop program execution**

```
#include <cs50.h>
#include <stdio.h>

// practice lesson to use a While Loop
// this will countdown from the number entered by the user

int main(void)
{
    // initialize variables
    int input_num = 0;

    // get input from user - use a lower number to test at first
    printf("Enter a number from 1 to 5: ");
    input_num = GetInt();
    // check to be sure input meets validity check
    if (input_num < 0 || input_num > 5)
    {
        printf("You didn't follow the directions - goodbye!\n");
        return 1;
    }
    printf("You entered %d\n", input_num);

    // while the number is greater than zero
    // keep printing the number and taking one away each time
    // this will keep running while the condition is true
    while (true)
    {
        if (input_num == 0)
        {
            return 0;
        }
        printf("Countdown: %d\n", input_num);
        --input_num;
    }
    printf("Blast Off!\n");
}
```