Practice Exercise #11: Input data validation

http://www.comp.nus.edu.sg/~cs1010/4_misc/practice.html

Reference: Week 4

Date of release: 1 September 2014

Objective: Repetition statement

Task statement:

Now that you have learned repetition statements, we can do some data validation.

Suppose a program is to read in an integer value representing the age of a person. It makes sense that the value should be within a reasonable range, say 1 to 100 inclusive. If the user enters an invalid input outside this range, the program should ask for the age again.

Write a program **validate.c** to perform this, and also to count how many times the users has entered the input.

Sample runs:

```
Enter age: 17
Your age is 17.
Number of attempts = 1

Enter age: -5
Enter age: 101
Enter age: 32
Your age is 32.
Number of attempts = 3
```