Lab 8

Ask the user to enter a positive integer, or -1 to quit. If the user enters a positive integer repeat it and tell them whether it is even or odd. If the user enters -1 then tell them how many odd numbers they entered and how many even numbers they entered. If they entered no numbers, tell them "no numbers were entered" instead of saying 0 even numbers and 0 odd numbers.

Think about the three types of loops we have learned (while, do-while and for) and choose the most appropriate type for this problem.

You should test your program and make sure it works **before** asking me to check it off! The examples below are **test cases.** Your code should work properly with all test cases listed, as well as with other inputs. Please test your code with **all** test cases included with each lab, **and have these test cases already run and on screen** when you call me over to check you off.

Example Output:

 <data in angle brackets is user input followed by the Enter key>

Test Case 1:

Enter an integer (-1 to quit): <10>

10 is even.

Enter an integer (-1 to quit): <5>

5 is odd.

Enter an integer (-1 to quit): <12>

12 is even.

Enter an integer (-1 to quit): <-1>

Odd numbers: 1

Even numbers: 2

Test Case 2:

Enter an integer (-1 to quit): <-1>

No numbers were entered.