

Challenge Question 1

Using the following variables (DO NOT CREATE ANY NEW ONES):

```
int loopCount = 0;
int userInput;
```

Create a program that will iterate (loop using a '**FOR**' construct) as many times as the user wants BUT, the total number of iterations **must not exceed 5 loops**.

Evaluate the input number if positive and display if it is an even or odd number. A **ZERO** or **NEGATIVE** value will indicate to stop looping and this number should not display an even or odd number message.

After the iterations are complete, display a summary of the # of times the iteration looped.

Execution #1: don't print this line: **Test EARLY EXIT from loop logic**

```
For Iteration
=====
Keep looping (positive #-YES | zero or negative #=NO): 10
That number is EVEN!
Keep looping (positive #-YES | zero or negative #=NO): 13
That number is ODD!
Keep looping (positive #-YES | zero or negative #=NO): -1
You looped 3 times!
```

Execution #2: don't print this line: **Test MAXIMUM loop logic**

```
For Iteration
=====
Keep looping (positive #-YES | zero or negative #=NO): 10
That number is EVEN!
Keep looping (positive #-YES | zero or negative #=NO): 13
That number is ODD!
Keep looping (positive #-YES | zero or negative #=NO): 25
That number is ODD!
Keep looping (positive #-YES | zero or negative #=NO): 20
That number is EVEN!
Keep looping (positive #-YES | zero or negative #=NO): 26
That number is EVEN!
You looped 5 times!
```