Lab 01:   Basic String Methods

In this lab you will be comparing String values, length and grabbing different pieces of Strings.

Exercises

1) Ask the user to enter a word. Then print out how many characters are in it.

   ```
   Enter a single word: happy
   There are 5 letters in happy.
   ```

2) Ask the user to enter two words. Then print out which one is longer. If they are the same length, say "Words are the same length".

   ```
   Enter two words: yellow submarine
   The longer word is submarine.
   ```

3) Ask the user to enter a sentence. Then printout three statements: first letter removed, last letter removed, first and last letter removed. The last one should use a single substring.

   ```
   Enter a short sentence (no punctuation): The fox is red
   he fox is red
   the fox is re
   he fox is re    //only use one substring for this one.
   ```

4) Ask the user for a word with an odd number of characters. Then print out only the middle 3 letters. Hint: What is the user enters an "I"? Don't let the program crash.

   ```
   Enter a word with an odd number of characters: palindromes
   The middle three characters are "ndr".
   ```

5) Ask the user for a word. Then let them know if the first two letters are the same as the last two letters.

   ```
   Enter a word: mamma
   The first and last two letters are the same.
   ```