**APCS Project**

**Chapter 3 Project**

Palindrome is a word or phrase that is the same read from left to right and right to left. “racecar” is a palindrome. You will write a class file to test phrases or words that are entered into the program by the user. Use a loop so the user can check several words or phrases at a time. Your program should output the word or phrase and tell the user if it is a palindrome or not. Then, the program will ask if the user wants to check another phase or word. Use a sentinel value for this outer loop.

(Hint) You will need two loops. One to see if the use wants to test another phrase and one that loops through the characters of the phrase. Use methods of the String class.

***Part II:*** Rewrite you code to ignore case so that Racecar outputs that it is a palindrome.

Instructions:

You need to write out your code first on paper. Once you think you have it correct, you will enter it in Dr. Java and test it.