EXTRA CREDIT EXERCISE # 8
Submission: Demo the code to the TAs or instructor during the class on Wed. April 20th and upload the code on blackboard under the extra credit assignments folder.

Topic: Recursion

A palindrome is a string that is spelled the same way forward and backwards. Some examples are “radar” and “Was it a cat I saw” (if spaces are ignored). Write a recursive method testPalindrome() that takes in a string and returns boolean value true if the string is a palindrome and false otherwise. You can assume that the string will have only letter and spaces. You should ignore the spaces – only compare letters. Some of the letters may be in capital case. You should ignore the capital case when you compare the letters. As you prepare to program, think about the base case and the general case.

Note: You are not allowed to strip away the white spaces in the string before passing it to the testPalindrome() method from the main method.