

Program 1: Palindromes

Due date: Monday, 02/17/20 @ 11:59pm

A palindrome is a string that is spelled the same way forward and backward. Some examples of palindromes are "radar", "able was i ere i saw elba", and (if spaces are ignored) "a man a plan a canal panama." Write a recursive method `testPalindrome` that returns boolean value true if the string stored in an array is a palindrome and false otherwise. The method should ignore spaces and punctuation in the string. [Hint: String method `toCharArray` gets a char array containing the String's characters.]

IMPORTANT

Follow the various style conventions we've discussed in class (variable naming, constants, spaces, etc) including putting comments in your program.

1. The program must compile without errors.
2. Your program must have the following comments at the top. Don't forget to include them because they will count toward the grade of this lab.

```
/*  
*****  
* First and Last Name CSCI 6305.01 Spring 2020 Program 1: Palindromes *  
*****  
*/
```

3. Name your program file as `Palindrome_lastnameFirstname.java`.
4. When done, submit your file via blackboard.