

COMP 196ABL – Project #5d

4 points (last part of the 12 for project #5); **due by the end** of lab session you attend on February 25, 2019

Email your Java source file to: [sgs@csun.edu](mailto:sgs@csun.edu)

## Palindromes (revisited and revised)

Now that we are covering user-defined methods, write a method called “baseChars” that receives as a single parameter a String. The method cleans up the String value by removing anything that is not a letter or digit and converts all letters to be in the same case. The cleaned-up String is then the value returned by the method.

A single call to the baseChars method then needs to be inserted into the proper location in the main method from Project #5c and the palindrome program will be complete!

In the week 5 folder you will find two data files for testing that can be fed as the input to this completed palindrome program:

PalData.txt contains the palindrome samples contained in the original assignment plus a few more test lines.

PalData2.txt contains a 224-word poem that happens to also be a palindrome.

If your palindrome program is in a file “Pal.java”, then to apply one of these data files, enter the following in a command prompt window:

```
java Pal < PalData.txt
```