Today

- Collections
- Search

Short Questions?

Quiz

println() vs printWriter

- println() relies on each individual object being able to generate a string that describes itself
  - This is done using the toString() method that **every** class provides.
- printWriter class: more control over how objects are printed
  - For example: print a double, but only show 2 significant digits

Checking the Spelling of Words

Write a program that:

- Reads in a dictionary of valid words

- Repeatedly takes user input of words & states whether the word is in the dictionary or not

Word Counting

Write a program that counts the number of times the word "love" occurs in all the works of William Shakespeare

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- Start: load all the words into an ArrayList

- How do we count the number of occurrences of a specific word in this list?

Word Counting

Write a program that counts the number of words that start with the string "lov"

Wrap Up

Due:

- HW 6: Due Thursday

- Project 4: Released

Next time:

- Exam preparation

- Search

- In one week: Exam 2