Today

• Collections
• Search
Short Questions?
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
Word Counting

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

• Start: load all the words into an ArrayList
• How do we count the number of occurrences of a specific word in this list?
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