Chapter 4 Programming Exercises

Part 2

//read in

Ask the user for a word & display it to the screen – also display the length of the words; give the identifier word to this variable

Ask the user for a group of words & display it and the length to the screen (make sure this works!!); give the identifier groupOfWords to this variable

// create a substring

Create a substring from groupOfWords to be the same length as word; give the identifier word2 to this variable

// find out

Find out if word is the same as word2

Find out if word is the same as word2 – regardless of the capitalization

Find out if word is greater than or less then word2

Find out if word and word2 start with the same letter (hint: charAt(0))

Find out if word and word2 end with the same letter (hint: charAt(word.lenth()-1))

// concatenate

Join word and word2 together; give the identifier joinedWords to this variable

// finding substrings

Find the first occurrence of the letter a in joinedWords

Find the last occurrence of the letter z in joinedWords

Find the first occurrence of the word abc in joinedWords

Find the last occurrence of the word xyz in joinedWords

// format

Format joinedWords to display to the right

Format word and word2 to display to the left

Format $23.65433 to display with only 2 decimal places