

Name: _____

Date: _____



ACTIVITY 1

Introduction (Reviews and Sentiment Value)

The persuasive power of words can be seen in a variety of places such as entertainment, news, social media, and even reviews and comments. This activity focuses on the sentiment value of individual words, and you will start by reading a few online reviews of your choice.

1. In this activity you'll be calling the `sentimentVal` method. Find this method in the `Review` class and answer the following questions:

a. Record the method signature in the space below.

b. Does this method require a parameter? If so, what type of parameter is required? What happens if you pass a different type of parameter instead? (Try it!)

c. Does the method return a value? If so, what is the return type?

2. Write code that tests the `sentimentVal` method by calling it with several different `String` parameters and printing out the return value. Any words not in the list will have a return value of zero. Make sure to keep calling the method until you have at least three strings that have a return value other than zero. Record the method calls, including provided strings and return values in the chart below:

Examples:

<i>Method Call</i>	<i>Return Value</i>
<code>sentimentVal("happily");</code>	2.32
<code>sentimentVal("terrible");</code>	-3.38
<code>sentimentVal("cold");</code>	-0.04

<i>Method Call</i>	<i>Return Value</i>

Open up the `cleanSentiment.csv` file and look up a few of the words that were used in the method call to verify the results.

Check Your Understanding

3. Determine whether or not each statement would compile. Briefly justify your answers.

a. `double num = sentimentVal("warm");`

b. `String word = sentimentVal(0.5);`

c. `double x = sentimentVal("good", "bad");`
