**AP Computer Science – Lab 3, Consumer Review**

**Overview**: This lab will have you analyze reviews of various products and analyze them for how positive or negative they are based on certain keywords in the review. It will also use predictive analysis for determining whether a review is “fake” or if it was written by a person.

**Activity 1**

Friday, February 21st *Introduction to Reviews and Sentiment Value*

Creating string literals and calling methods

**Activity 2**

Monday, February 24th *Sentiment value and star ratings*

Calling non-void methods and creating String objects

**Activity 3**

Tuesday, February 25th *Autogenerated reviews*

Conditional statements, compound Booleans

While loops, for loops

Modifying and developing algorithms

**Activity 4**

Wednesday, February 26th Creating a positive or negative review

Representing nested iterations

Ethical implications of computer systems

**Activity 5**

Thursday, February 27th

Friday, February 28th Wrap up activity and quiz

Quiz will be AP Free Response question (handwritten)

For each activity, any questions which need to be answered should be entered to a single word document which you will submit at the end. For any code which needs to be completed, please save the file to be shown on Thursday/Friday.

Activities 1-4 will be worth 10 points for correctness/completion.

Wrap up activity will be worth 10 points.

Quiz will be worth 10 points.