

## **HW 2 Submission Instructions:**

Your python script submission should be named “hw2cs561s18.py” (if you use python 2.7) or “hw2cs561s18py3.py” (if you use python 3.5)

- When you submit the homework on Vocareum, the following command will be executed automatically by the grading script

for python 2.7:

```
python hw2cs561s18.py -i <inputFile>
```

for python3.5

```
python3 hw2cs561s18py3.py -i <inputFile>
```

where <inputFile> is the filename of the input file that your program needs to read. Each input file will be a one-line test case that contains the text of an amazon review and nothing else. The output file for each test case should contain “0” for negative classification and “1” for positive classification. \*Just the number not the quotes.

- The generated output file is named as “output.txt”.
- The input and output files use UNIX line endings (“\n”).
- Submit your code through Vocareum. Please refer to <http://help.vocareum.com/article/30-getting-started-students> for help with the system. Please only upload your code to the “/work” directory. Don’t create any subfolders or upload any other files.
- If we are unable to execute your code successfully, you will not receive any credits.
- String comparisons (alphabetical or alphanumerical) must follow the ASCII ordering of the characters.
- Your program should handle each test case within 5 seconds. The review instances in the test cases is similar to, but not necessarily the same as the ones provided in the original dataset. The deadline for this assignment is **July 23, 11:59pm**. No late homework will be accepted. Any late submissions will not be graded. Any emails for late submission will be ignored.

## **Example Input files:**

### **Input File Example 1:**

There worst yet: i'm a pretty big fan of limp bizkit been listening to them for a few years was very disapointed with this cd. wouldnt reccomened it. try on of there other cds instead

### **Output File Example 1:**

0

**Input File Example 2:**

Good Instructional Video: This is actually a really good DVD. It teaches you how to do the moves in a fun way. Highly recommended.

**Output File Example 2:**

1

**Input File Example 3:**

A waste of money: I had to listen to this by myself. I wouldn't want to subject this "music" to others. It's not that I'm new to "noise/fuzz" pop. I own and enjoy many CDs by Sonic Youth My Bloody Valentine Dinosaur Jr. but this band just lacks the ability to put together listenable tunes. I had to sell this sorry collection of "tunes" after 3 or 4 listens. I gave it a chance but each time I listened to it I lost even more interest.

**Output File Example 3:**

0

**Input File Example 4:**

Probably Lentz's most engaging piece: Missa Umbrarum the title piece uses an interesting process: A number of 30-second electronic delays are used to slowly build up to the final "destination" for each phrase of the Mass. The nonvocal music comes entirely from crystal glasses (as per a glass harmonica) played by the vocalists. On the first repetition of a phrase the lowest notes of the section are supplied and then the singers drink from the glasses before adding the next layer. In the end each phrase is built from half-a-dozen or more layers turning the handful of vocalists (and glasses) into a full choir. Despite the technique the final result does not sound dense and muddy; an ethereal nature is retained throughout.

**Output File Example 4:**

1

**Input File Example 5:**

Easy on your skin and removes make up easily.: I first found these at Trader Joe's and picked them up on a whim. I was pleasantly surprised at how well they removed my makeup and left my skin feeling clean and cared for and have often followed with moisturizer after a long day at work so I could at least get my makeup off before I went to bed. Of course for days that I have more time and energy I can follow with my normal cleansing routine. I've tried a few other brands but have always returned to Comodyne's as the other brands would start to irritate my skin even in a weeks time and I've never experienced any irritation with Comodyne's. I ordered the 3-pack this time but will order the 6-pack next time for the value and would definitely buy it through the Subscribe & Save program if it were offered.

**Output File Example 5:**

1