

## Homework 3-4

*Due: Nov. 15, 2011, 2:25 pm*

### Task 1:

[Project 2](#) is due on Nov. 15.

### Task 2:

Finish `3-4Starter.py` and compute the Belligerence Score for the three data sets (cola, computer, smartphone). Remember that the Belligerence Score is defined as

$$BC = \frac{\text{number of tweets that mentioned both brands}}{\text{number of tweets that mentioned either of the brands}} \quad (1)$$

The tracked phrases are:

- coke pepsi
- mac pc
- iphone blackberry

On the first line of your program, write the three scores as a comment.

### Task 3:

Also, calculate the Attention Scores:

$$AC = \frac{\text{number of tweets that mentioned both brands}}{\text{number of hours between which the tweets were collected}} \quad (2)$$

You do not have to hand in the program for this part. Find the numbers by any means necessary (other than copying others), and write the answers as a comment on the second line of the program you hand in for part 1.

### Handin

Email your program to `cs0931tas@cs.brown.edu` and title the file `'YOURNAME'HW3-4.py` — for example, `DylanFieldHW3-4.py`.