CS 1803 Recitation Question

- Solve the following problem using a pen/pencil and a piece of paper.

- No laptops, no books, no notes. This simulates a code writing problem on the exam.

- Work individually for 5 minutes.

- After 5 mintes are up, you may raise your had to ask the TA's for assistance (and listen to the assistance they give others)

Question:

- Write a python function called addPositives that accepts a single parameter which is a list of numbers. You may assume that the list will only contain numbers. Add together ONLY THE POSITIVE numbers (0 or larger) and return the sum. Ignore any negative numbers.

Example Solution & Grading Rubric

- The next slide will have one example solution. Your solution may be different.

- As long as your solution functions correctly, you would receive full credit.

- After the example solution is a grading rubric much like your TA's would use to grade the problem if it were to appear on an exam.

- We will demonstrate how the rubric is applied, and have you "grade" your own problem.

Example Solution

```python
def addPositives( aList ):
    mySum = 0
    for thing in aList:
        if thing >= 0:
            mySum = mySum + thing
    return mySum
```

Grading Rubric:

- Header: +1 for def/name/colon, +1 parameter

- Itterates over items in list: +2

- Adds (some/all) items in the list: +2

- Only adds positive items: +2

- Returns the sum: +2

- NOTE: On this recitation assignment you will receive 10 points for participation, the grading above is just to demonstrate how a similar problem would be graded on an exam.