Quiz 3

Name: _____

1. (2 points) Create a function *positron* that takes in a number and returns the absolute value of the number i.e if it is negative you want to make it positive, e.g if you are given -3 you want to return 3.

2. (4 points) Create a function *calculator* that takes in two numbers and finally an operator which is a string value that is either "+", "-", "*", "/", "%"; depending on the operator you should return that operation done on the first two arguments. First argument is the first argument to the operator e.g f(6,2,"/") -> 6 / 2 -> 3. If you are given an invalid operator you should return None.

3. (4 points) Create a function *cumulative_add* that takes in an integer, x, and returns the sum of the numbers between x and 0. You must use recersion, otherwise get 0. E.g. f(5) -> 5+4+3+2+1+0.
   Hint: What is your base case? What is your recursive case?