Problem 1 (1 Point) What is the maximum number of array accesses in terms of n?

Algorithm 1: CountZeros($A[1 \cdots n]$)

```
Result: Count of zeros in array A[1 ··· n]
Function CountZeros(A[1 ··· n]):
    n ← the length of array A[1 ··· n];
    count ← 0;
    for i = 1 to n do
        if A[i] == 0 then
            count ← count + 1;
        end
    end
    return count;
```

Problem 2 (1 Point) What is the maximum number of array accesses in terms of n?

Algorithm 2: TwoSumZero $A[1 \cdots n]$

```
Result: Count of pairs with sum zero
Function TwoSumZero(A[1 ··· n]):
    count ← 0;
    for i ← 1 to n − 1 do
        for j ← i + 1 to n do
            if (A[i] + A[j] == 0) then
                count ← count + 1;
            end
        end
    end
    return count;
```

Problem 3 (1 Point) True or False: If you have quesitons or concerns regarding the class:

a) Post a private question to Ed True False

b) Talk to a TA/Professor during office hours True False

c) Talk to a TA during PSO True False

d) E-mail the head TA True False

e) E-mail the professor True False