

CSE 250 Spring 2011
Homework 2
Due Date: Feb 28, Monday, by 2:05pm
Total Points: 25

Due Time: 2:05'00" pm.

Print your Name, UB #, and Recitation section on the first page.

If these guidelines are not followed, TA may deduct 10% of points.

1. (2 points) Consider the following function:

```
void foo (int a[], int i, int j) {  
    int temp = a[i];  
    a[i] = a[j];  
    a[j] = temp;  
}
```

Does the **foo** function swap the values of the values of the array elements that are selected by the parameters *i* and *j* if they are in bounds, or do they retain their values? What if the parameter *j* is out of bounds?

2. (2 points) Page 137, Self-Check, Problem 2.
3. (3 points) Page 192, Self-Check, Problem 1.
4. (3 points) Page 201, Self-Check, Problem 1.
5. (3 points) Page 201, Self-Check, Problem 2.
6. (3 points) Page 209, Self-Check, Problem 1.
7. (3 points) Page 237, Self-Check, Problem 1.
8. (3 points) Page 238, Programming Problem 2.
9. (3 points) Page 238, Programming Problem 3.