**Algorithm Analysis Graded Quiz**

**TOTAL POINTS 100**

1.Question 1

Which of the following complexities is the BEST (smallest as n grows very large)?

O(log n)

2.Question 2

Which of the following complexities is the WORST (largest as n grows very large)?



O(n squared)

3.Question 3

A reasonable binary search algorithm is what complexity?



O(log n)

4.Question 4

A reasonable bubble sort algorithm is what complexity?



O(n squared)