Assignment #1

DAA

1. What do you mean by algorithm and its complexity? Explain the RAM model for analysis of Algorithm. Use RAM model to estimate the big-oh of the running time for following code segment.

- 2. Explain all the methods for solving recurrence relations with 3 examples each.
- 3. Discuss all the theoretical background with numerical example and implement the following in any high level language and explain its time complexity.
 - Selection sort
 - Insertion Sort
 - -Bubble sort