

## Assignment6

True or False:

1. [1 pts ] The complexity of insertion algorithm is  $O(n^2)$ .
2. [1 pts] Any algorithm can be represented by combination of the three primary control structures.
3. [1 pts ] An algorithm is said to be correct if it can halt on all input.

Short Answers:

4. [3 pts] Write down the three primary control structures:
5. [2 pts] What is the difference between WHILE loop and REPEAT loop:
6. [2 pts] What are the two indispensable part of any formal logic system?