

# Quiz 0

This is test of Google Quiz to replace Midterm Exam by google multiple choice quizzes and a take home exercise

\* Required

1. First provide your Name and ID \*

True and  
False  
questions

Answer True or False to each of the questions below. Answer true only if it is true as stated, with no additional assumptions. Add an explanation. This can give you partial credit even if you answer is wrong.

2. The best median finding algorithm is on average  $\Theta(N)$  but worst case  $\Theta(N^2)$

3. Consider the array [2, 20, 3, 21, 90, 4, 23, 22]. This array has elements in order of a min-heap.

4. A connected undirected acyclic graph is a binary tree.

5. There are 6 distinct binary search trees that include only the numbers 1, 2, 3

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