Problem 1

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Problem 1-1

1 point possible (graded)

The ONLY thing we are interested in when designing programs is that it returns the correct answer.

- ○ True
- ○ False

Submit You have used 0 of 1 attempt

Problem 1-2

1 point possible (graded)

When determining asymptotic complexity, we discard all terms except for the one with the largest growth rate.

- ○ True
- ○ False

Submit You have used 0 of 1 attempt

Problem 1-3

1 point possible (graded)

Bisection search is an example of linear time complexity

- ○ True
- ○ False

Submit You have used 0 of 1 attempt

Problem 1-4

1 point possible (graded)

For large values of `n`, an algorithm that takes `20000n^2` steps has better time complexity (takes less time) than one that takes `0.001n^5` steps

- ○ True
- ○ False

Submit You have used 0 of 1 attempt

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Topic: Problem Set 6 / Problem 1

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