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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

▼ **Week 6:**
Algorithmic
Complexity


11. Computational
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Problem Set 6

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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

Problem 1

Topic: Problem Set 6 / Problem 1

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