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Problem 1

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Problem 1-1

1/1 point (graded)

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

☐ True

☒ False



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Problem 1-2

0/1 point (graded)

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

☐ True

☒ False



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Problem 1-3

1/1 point (graded)

Bisection search is an example of linear time complexity

☐ True

☒ False



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Problem 1-4

1/1 point (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



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