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Problem 1

Problem Set due Jul 30, 2020 20:30 -03 *Completo*

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



Enviar

You have used 1 of 1 attempt

Problem 1-2

1/1 point (graded)

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

☒ True

☐ False





Enviar

You have used 1 of 1 attempt

Problem 1-3

1/1 point (graded)

Bisection search is an example of linear time complexity

☐ True☒ False

Enviar

You have used 1 of 1 attempt

Problem 1-4


0/1 point (graded)

For large values of n , an algorithm that takes $2000n^2$ steps has better time complexity (takes less time) than one that takes $0.001n^5$ steps☐ True☒ False

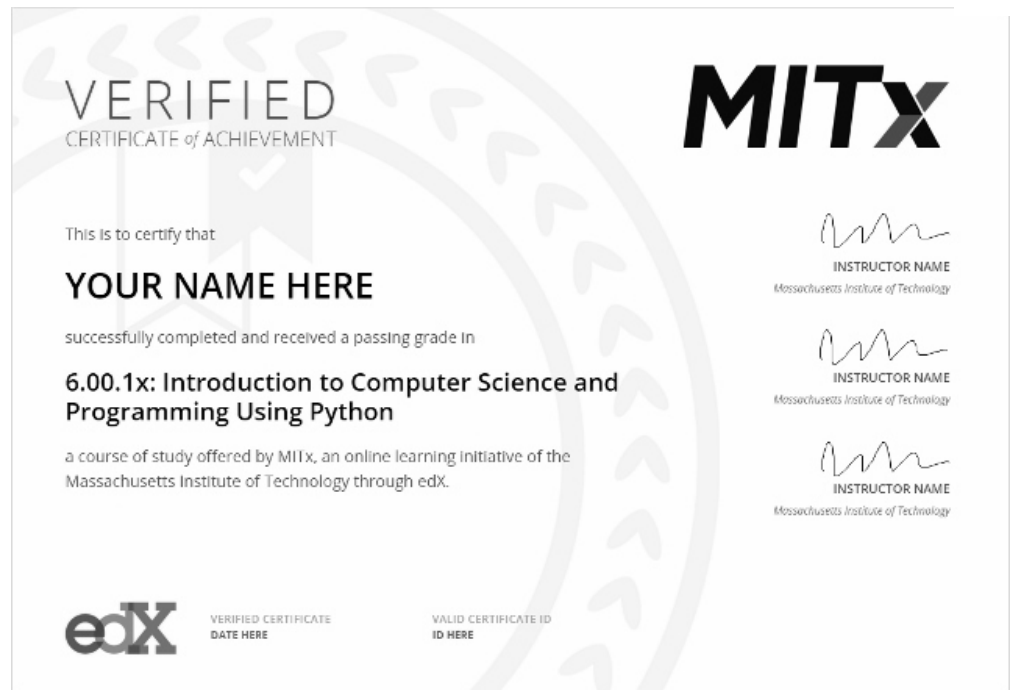
Enviar

You have used 1 of 1 attempt

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Problem 1

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