



MITx: 6.00.1x Introduction to Computer Science and Programming Using Python

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Problem 1

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Problem 1-1

1 point possible (graded)

In the statement `L = [1, 2, 3]`, `L` is a class.

☐ True

☐ False

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Problem 1-2

1 point possible (graded)

The orders of growth of _____ and _____ are both polynomial.

☐ True

☐ False

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Problem 1-3

1 point possible (graded)

The complexity of binary search on a sorted list of n items is

.

☐ True

☐ False

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Problem 1-4

1 point possible (graded)

A bisection search algorithm always returns the correct answer when searching for an element in a sorted list.

☐ True

☐ False

Submit

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Problem 1-5

1 point possible (graded)

Performing binary search on an unsorted list will always return the correct answer in _____ time where _____ is the length of the list.

☐ True

☐ False

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