



Bookmar



Bookmark

▶ Overview

The exam will be available here.

▶ Entrance
Survey**A reminder to students pursuing credit for this course from Charter Oak:**

▶ Week 1

- re-verification is required for credit
- the passing score for credit is 65% overall

▶ Week 2

Re-verification is not required if you are just taking this course for the verified certificate.

▶ Week 3

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▼ Final Exam

Final Exam

Final due Mar 15, 2016
at 23:30 UTC 

▶ Sandbox

Verification Checkpoint

Some learners who are working toward a verified certificate have to verify their identity before they can access this content. You do not have to verify your identity, and you can proceed to the next unit.

To learn more about verified certificates, see Verified Certificates in the *EdX Guide for Students*. You are taking this exam as an honor student.

Problem 1

Answer all questions before clicking Final Check.

1.

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

☐ True

☒ False ✓

2.

The orders of growth of $O(n^2 + 1)$ and $O(n^5 + 1)$ are both polynomial.

☒ True ✓

☐ False

3.

The complexity of binary search on a sorted list of n items is $O(\log n)$.

☒ True ✓

☐ False

4.

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

☒ True ✓

☐ False

5.

Performing binary search on an unsorted list will always return the correct answer in $O(n)$ time where n is the length of the list.

☒ True ✗

☐ False

You have used 1 of 1 submissions

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