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Problem 1

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Problem Set due Oct 21, 2022 07:30 +08 Completed 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 Submit You have used 1 of 1 attempt 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 Submit 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 Submit You have used 1 of 1 attempt 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

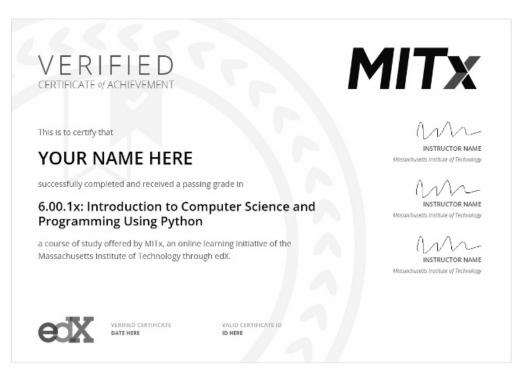
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5



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