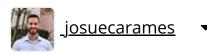


MITx: 6.00.1xIntroduction to Computer Science and Programming Using Python

<u>Help</u>



Course > Week 1: Python Basics > 1. Introduction to Python (TIME: 1:03:12) > Exercises 1

Exercises 1

Exercises 1

4/4 points (graded)

ESTIMATED TIME TO COMPLETE: 4 minutes Note that you will have to answer all questions before you can click the Check button.

1. What is the difference between ar	ın Algorithm and a Prograr	n?
--------------------------------------	----------------------------	----

•	An algorithm is a conceptual idea	ı, a	program	is a	concre	ete
	instantiation of an algorithm. <					

 An algorithm is limited to 	mathematical	operation,	a program	can
specify all kinds of operati	ions.			

An algorithm makes a slow	program run	fast.
---	-------------	-------

0	An algorithm deals wit	h computer	hardware,	a program	deals wit	h
	computer software.					



_	
	True ✓
	○ False
	True or False? Computer Science is the study of how to build efficient nachines that run programs.
	O True
	● False
1. 7	The two things every computer can do are: Perform calculations
1. T	
[✓ Perform calculations
1. T	✓ Perform calculations☐ Convert electricity to numbers
1. 1	 ✓ Perform calculations Convert electricity to numbers Display results to a screen

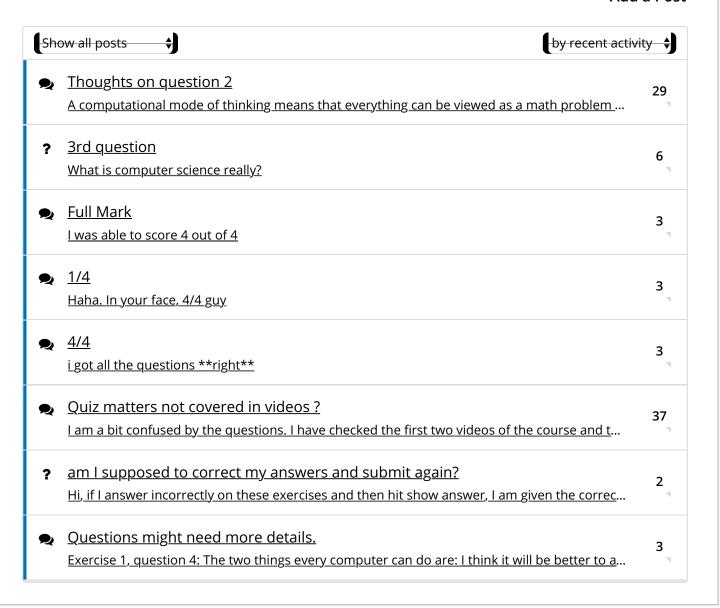
2. True or False? A computational mode of thinking means that everything can

Exercises 1

Topic: Lecture 1 / Exercises 1

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