

Curso > Week 1... > 1. Intro... > Exercis...

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Exercises 1

Finger Exercises due Aug 5, 2020 20:30 -03 Completo

Exercises 1

4/4 points (graded)

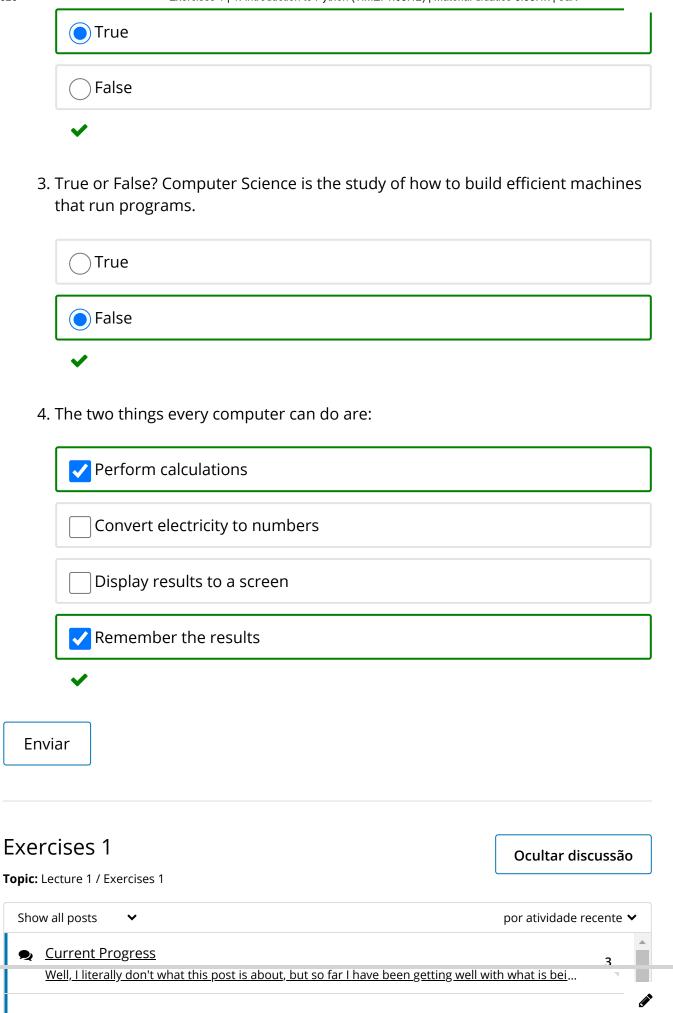
ESTIMATED TIME TO COMPLETE: 4 minutes

Note that you will have to answer all questions before you can click the Check button.

1. What is the difference between an Algorithm and a Program?

An algorithm is a conceptual idea, a program is a concrete instantiation of an algorithm.
An algorithm is limited to mathematical operation, a program can specify all kinds of operations.
An algorithm makes a slow program run fast.
An algorithm deals with computer hardware, a program deals with computer software.
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2. True or False? A computational mode of thinking means that everything can be viewed as a math problem involving numbers and formulas.



U	Exercises 1 1. Introduction to Python (Time. 1.03.12) internal didatico 0.00.1x eux	
2	<u>Computational Thinking</u>	9
	A question describes computational thinking as thinking problems as problems in maths. Doe	7
Q	Question 4: So when does a calculator technically become a computer?	4
	So if a calculator can only receive input 2 x 4 and outputs 8, its a calculator. If it remembers th	•
Q	4/4	
	> in my first attempt	1
Ų	<u>4/4</u>	2
	<u></u>	_ ¬
•	Can an algorithm be reduced to math?	
~	To me, math is a sequence of deductions that follow certain rules of reasoning. From that defi	1
	10 me, main is a sequence of academons that follow certain railes of reasoning, from that aci	
Ų	Mathematical thinking and algorithms.	3
	I guess thinking in mathematical way makes sense if you are working on algorithms, I am a be	3
	Difference to be true and also with me and must suppose	
?	Difference between algorithm and program	3
	I could not understand that how program could be a "concrete instantiation of algorithm". Ca	
	Exercises 1	_
~	<u>I got all correct.</u>	1
2	Q4 Does a computer HAVE to remember the results?	4
	Surely it is possible to create a computer that computes a solution without committing anythi	
?	Hello everyone, my question is based on coloured petri nets using C	
•	Good morning sir. Am Marrious, a student of your online course, I wish to ask a question abo	2
	assa morning sir. 7 km Marrious, a stadent of your offinite course, 1 Wish to ask a question abo	
?	you can do it multiple times	2
	i got 2 wrong the first time but i could just do it again? which one is graded, if its graded at all	2
_	Some Questions Weren't Covered	
4	-	1
	Some of the questions are slightly critical thinking, so be prepared to search. For question #1,	4

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