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> Exercises 1

## **Exercises 1**

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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. Introduction to Python (TIME:

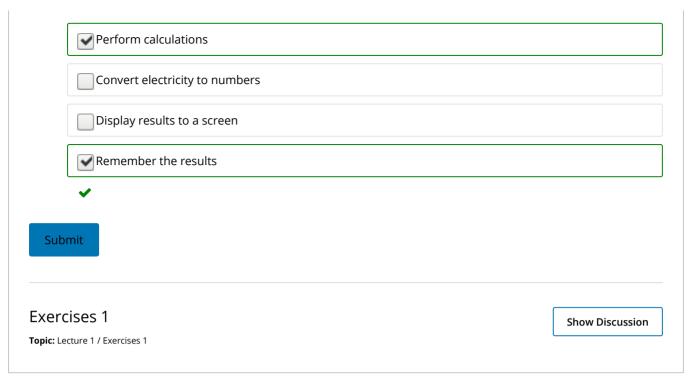
1. What is the difference between an Algorithm and a	a Program?
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An algorithm is a conceptual idea, a program is a concrete instantiation of an algorithm.
An algorithm is limited to mathematical operation, a program can specify all kinds of operations.
An algorithm makes a slow program run fast.
An algorithm deals with computer hardware, a program deals with computer software.
<b>✓</b>
<ol><li>True or False? A computational mode of thinking means that everything can be viewed as a math problem involving numbers and formulas.</li></ol>
● True
False

 ${\it 3. True \ or \ False? \ Computer \ Science \ is \ the \ study \ of \ how \ to \ build \ efficient \ machines \ that \ run \ programs.}$ 

se	
e	

4. The two things every computer can do are:



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