



MITx: 6.00.1x

Introduction to Computer Science and Programming Using Python

[Help](#)[_josuecarames](#)[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 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.



2. True or False? A computational mode of thinking means that everything can be viewed as a math problem involving numbers and formulas.

☒ True ✓

☐ False

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

☐ True

☒ False ✓

4. The two things every computer can do are:

☒ Perform calculations

☐ Convert electricity to numbers

☐ Display results to a screen

☒ Remember the results



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Exercises 1

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<div>Quiz matters not covered in videos ?</div> <div>I am a bit confused by the questions. I have checked the first two videos of the course and t...</div> <div>37</div>	
<div>am I supposed to correct my answers and submit again?</div> <div>Hi, if I answer incorrectly on these exercises and then hit show answer, I am given the correc...</div> <div>2</div>	
<div>Questions might need more details.</div> <div>Exercise 1, question 4: The two things every computer can do are: I think it will be better to a...</div> <div>3</div>	

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