



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. 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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