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## Exercises 1

### Exercises 1

4 points possible (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 ✓Submit

**i** Answers are displayed within the problem

## Exercises 1

**Topic:** Lecture 1 / Exercises 1

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