edX

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# 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

✔

Enviar

ℹ️  Answers are displayed within the problem

# Exercises 1

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