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The Role of Algorithms in Computing



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Quiz

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Now, it's time for a short quiz to recap what you've learned. The quiz is **graded**, so you can take it only once. Each question will be followed by feedback explaining why your answer is right or wrong. If your answer is incorrect, you will see a suggestion of what you might need to refresh your memory.

Good luck!

Read the question below and select **all** the answers that are correct. Then, click "Submit."

Which THREE of the following analogs are correct?

- ☐ program <-> pseudocode / structured language (English)
- ☒ program <-> algorithm
- ☒ programming language <-> pseudocode / structured language (English)
- ☒ computer <-> model of computation
- ☐ programming language <-> algorithm
- ☐ computer <-> algorithm

✔
Correct: Excellent!

Submit You have used 1 of 1 attempt

Read the question below and select **all** the answers that are correct. Then, click "Submit."

Which THREE of the following statements about the point machine model of computation are correct?

- ☒ It supports only dynamically allocated objects.
- ☐ Objects can have an unlimited number of fields.
- ☒ Objects can have only a constant number of fields.
- ☒ Fields are represented by words (e.g., *integer*), pointers to objects, or nulls.
- ☐ Fields are represented by either words (e.g., *integer*) or pointers.

✔
Correct: Well done!

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