



[< Previous](#)

3 of 17 ▾

[Next >](#)

Exercises 1

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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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? Question 4 - Exercise 1 All the options are correct. Then why are only these 2 options valid?	4
? clarification on question 4 three of the four options are right in question 4. does a computer not store results. why was i marked wrong	2
? doubt ques4 hey i have a question regarding the 4th question .. i feel all four options are correct .. plz clarify.	3
? Excercise Hello how are you! I have a question: How many attempts do we have to do this exercise?	3
? SPOILER : ques3 Computer Science is study of how to build efficient algorithm that runs program. is this a correct statement.	3
 Understanding PSETs and Fexes **Note on posting solutions or part solutions**: Include *SPOILER* in the header for any post that might reveal most of a Fex solutio...  Community TA	4

[< Previous](#)

[Next >](#)



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