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Exercises 1

Finger Exercises due Aug 5, 2020 20:30 -03 *Completo*

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:

- [x] Perform calculations
- [ ] Convert electricity to numbers
- [ ] Display results to a screen
- [x] Remember the results

✔

Enviar

Exercises 1

Ocultar discussão

Topic: Lecture 1 / Exercises 1

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Current Progress 3

Well, I literally don't what this post is about, but so far I have been getting well with what is bei...

Computational Thinking A question describes computational thinking as thinking problems as problems in maths. Doe...	9
Question 4: So when does a calculator technically become a computer? So if a calculator can only receive input 2 x 4 and outputs 8, its a calculator. If it remembers th...	4
4/4 > in my first attempt	1
4/4 😊😊😊😊😊😊😊😊😊😊😊😊😊😊😊😊😊😊😊😊😊😊😊😊	2
Can an algorithm be reduced to math? To me, math is a sequence of deductions that follow certain rules of reasoning. From that defi...	1
Mathematical thinking and algorithms. I guess thinking in mathematical way makes sense if you are working on algorithms, I am a be...	3
Difference between algorithm and program I could not understand that how program could be a "concrete instantiation of algorithm". Ca...	3
Exercises 1 I got all correct.	1
Q4 Does a computer HAVE to remember the results? Surely it is possible to create a computer that computes a solution without committing anythi...	4
Hello everyone, my question is based on coloured petri nets using C Good morning sir. Am Marrious, a student of your online course , I wish to ask a question abo...	2
you can do it multiple times i got 2 wrong the first time but i could just do it again? which one is graded, if its graded at all	2
Some Questions Weren't Covered Some of the questions are slightly critical thinking, so be prepared to search. For question #1, ...	1