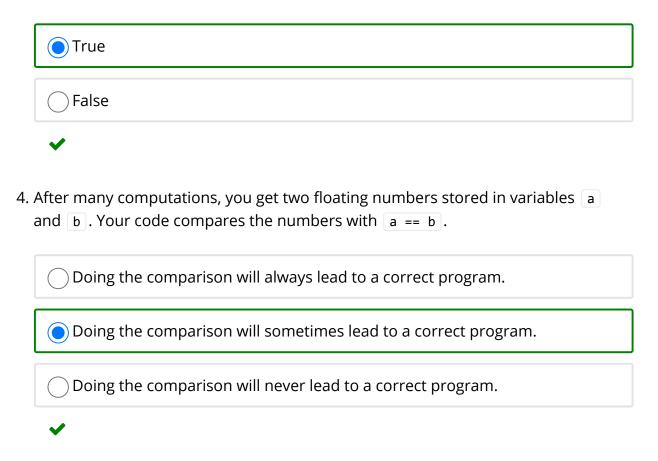


<u>Curso</u> > <u>Week 2</u> > <u>3. Simp</u> > Exercis	
Audit Access Expires 5 de ago de 2020	
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Exercise 3	
Finger Exercises due Aug 5, 2020 20:30 -03 Completo	
Exercise 3	
4/4 points (graded) ESTIMATED TIME TO COMPLETE: 5 minutes	
 True or False? The internal computer representation of any number is always an approximation. 	
True	
False	
✓	
2. The decimal 11 is what binary?:	
<u></u>	
0 1011	
1101	
cannot be converted	

3. True or False? The internal representation of the decimal number 1/10 = 0.1 requires an infinite number of digits.



- 1. Some numbers, like integers, can be represented exactly.
- 3. Look back at the last slide in the video. "If there is no integer p such that a power of 2 multiplied by x gives me a whole number, then the best I'm going to get is an internal representation that's close." That is the case for this example.
- 4. When you do many computations on floats, you accumulate floating point errors. The errors accumulated for a and b may not match up, so doing may (or may not) comparison will lead to an inequality.

Enviar

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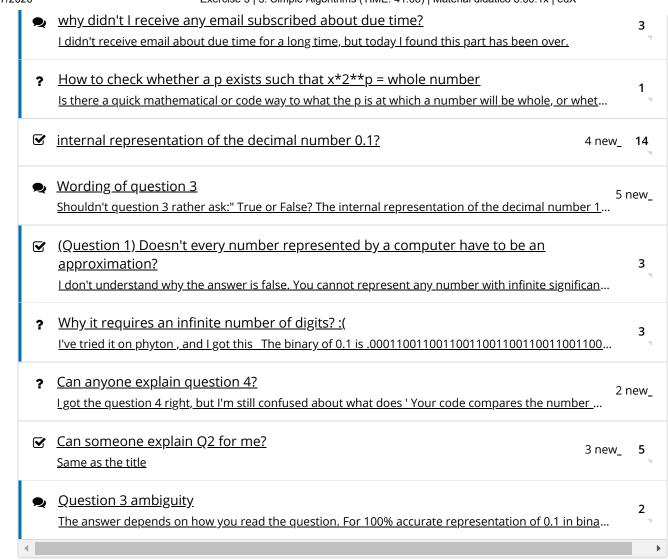
• Answers are displayed within the problem

Exercise 3

Topic: Lecture 3 / Exercise 3

Ocultar discussão

por atividade recente **



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