Exercise 3

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4/4 points (graded)

ESTIMATED TIME TO COMPLETE: 5 minutes

1. True or False? The internal computer representation of any number is always an approximation.

- ○ True
- ◉ False

✔

2. The decimal 11 is what binary?:

- ○ 11
- ◉ 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.

- ◉ True
- ○ False

✔

4. After many computations, you get two floating numbers stored in variables `a` and `b`. Your code compares the numbers with `a == b`.

- ○ Doing the comparison will always lead to a correct program.
- ◉ Doing the comparison will sometimes lead to a correct program.
- ○ Doing the comparison will never lead to a correct program.

✔

Submit

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Topic: Lecture 3 / Exercise 3

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