PROBLEM 1-1 (1/1 point)

For each of the following questions, answer True or False:

After a mutable object has been created, its value can change.

- (•) True ✔
- ( ) False

You have used 1 of 1 submissions

PROBLEM 1-2 (1/1 point)

A program that keeps running and does not stop is an example of a syntax error.

- ( ) True
- (•) False ✔

You have used 1 of 1 submissions

PROBLEM 1-3 (1/1 point)

Given two Python programs that produce the same output for the same input, the program with fewer lines of code always executes faster.

- ( ) True
- (•) False ✔

You have used 1 of 1 submissions

PROBLEM 1-4 (1/1 point)

A tuple can contain a list as an element.

- (•) True ✔
- ( ) False

You have used 1 of 1 submissions

PROBLEM 1-5 (1/1 point)

If we define `myDict = {}`, then `myDict[('a', 'b')] = 'foo'` is a legal Python expression.

- (•) True ✔
- ( ) False

You have used 1 of 1 submissions

PROBLEM 1-6 (1/1 point)

If we define `myDict = {}`, then `myDict[['a', 'b']] = 'foo'` is a legal Python expression.

- ○ True
- ◉ False ✔

You have used 1 of 1 submissions

PROBLEM 1-7 (1/1 point)

Integration testing should usually be done before unit testing.

- ○ True
- ◉ False ✔

You have used 1 of 1 submissions

PROBLEM 1-8 (1/1 point)

Any number that can be represented as a decimal fraction can be represented exactly in floating point representation in Python.

- ○ True
- ◉ False ✔

You have used 1 of 1 submissions

PROBLEM 1-9 (1/1 point)

The body of a `while` loop can contain at most one "break" statement and at most one "pass" statement.

- ○ True
- ◉ False ✔

You have used 1 of 1 submissions

PROBLEM 1-10 (1/1 point)

A recursive algorithm must always have a base case.

- ◉ True ✔
- ○ False

You have used 1 of 1 submissions

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