

# L05 Ponder: Check Your Understanding

**Due** Oct 17 at 7:59am**Points** 9**Questions** 5**Time Limit** None**Allowed Attempts** 3

## Instructions

## Overview

- **Task:** Demonstrate your knowledge of writing test functions in Python.
- **Purpose:** Reinforce your knowledge of testing a function.

## Instructions

- Complete the following quiz.

## Attempt History

	Attempt	Time	Score
KEPT	<a href="#">Attempt 3</a>	less than 1 minute	9 out of 9
LATEST	<a href="#">Attempt 3</a>	less than 1 minute	9 out of 9
	<a href="#">Attempt 2</a>	2 minutes	6.5 out of 9
	<a href="#">Attempt 1</a>	3 minutes	6.5 out of 9

❗ Correct answers are hidden.

Score for this attempt: **9** out of 9

Submitted Oct 15 at 11:14am

This attempt took less than 1 minute.

### Question 1

**1 / 1 pts**

What is the name of the standard Python module that we use in CSE 111 to install third-party modules?

☐ install

☒ pip

☐ pytest☐ python**Question 2****1 / 1 pts**

What is the name of the third-party module that we used in CSE 111 to run test functions?

☐ junit☒ pytest☐ unittest☐ test**Question 3****1 / 1 pts**

Which of the following is the most correct code to assert that an integer variable `x` is equal to `-3`?

☐ `assert x = -3`☒ `assert x == -3`☐ `assert x <= -3 or x >= -3`☐ `assert x == approx(-3)`**Question 4****1 / 1 pts**

Which of the following is the most correct code to assert that the variable  $p$  is equal to 6.03?

- ☐ `assert p = 6.03`
- ☐ `assert p == 6.03`
- ☐ `assert p <= 6.03 and x >= 6.03`
- ☒ `assert p == approx(6.03)`

Incorrect

### Question 5

0 / 5 pts

Which of the following are benefits of writing test functions that can be run with pytest? (Mark all that apply.)

- ☐ Test functions ensure the code is secure against hackers.
- ☒ Test functions prevent any bugs from being in the code.

The goal of software developers and testers is to eliminate bugs, but test functions don't prevent bugs entirely.

- ☒ Test functions help verify that the program is correct.
- ☐ Test functions help ensure future changes won't break the program.
- ☐ Test functions ensure the code runs as efficiently as possible.

Quiz Score: **9** out of 9

This quiz score has been manually adjusted by +5.0 points.