

L11 Ponder: Check Your Understanding

Due Nov 28 at 8:59am

Points 8

Questions 5

Time Limit None

Allowed Attempts 3

Instructions

Overview

- **Task:** Demonstrate what you know about functional programming in Python.
- **Purpose:** This will help you review functional programming in Python.

Instructions

- Complete the following quiz.

Take the Quiz Again

Attempt History

	Attempt	Time	Score
LATEST	Attempt 1	less than 1 minute	8 out of 8

⚠️ Correct answers are hidden.

Score for this attempt: 8 out of 8
Submitted Nov 26 at 4:03pm
This attempt took less than 1 minute.

Question 1

1 / 1 pts

What is functional programming?

A programming paradigm that focuses on functions and avoids shared state, mutating state, and side effects

A programming paradigm that focuses on the steps to accomplish a task

task

☐

A programming paradigm that combines data and functions together

☐

A programming paradigm that produces music that is a combination of soul, jazz, and R&B

Question 2**1 / 1 pts**

What is a higher-order function?

☐

A function written in heaven

☐

A function that sorts numbers with the highest number first

☒

A function that accepts another function as a parameter

☐

A function that appears in a program before the other functions

Question 3**1 / 1 pts**

What is a nested function?

☐

A function that helps birds

☒

A function that is defined inside another function

☐

A function with no parameters

☐

A function with a parameter named nested

Question 4**1 / 1 pts**

What is a Python lambda function?

- ☐ A function that helps sheep
- ☐ A function that is named with Greek letters
- ☐ A function that converts temperatures
- ☒ A small anonymous function

Question 5**4 / 4 pts**

Which of the following standard Python functions accepts another function as a parameter? (Mark all that apply.)

- ☐ abs
- ☒ filter
- ☒ map
- ☐ round

Quiz Score: 8 out of 8

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