Quiz 2

Due Apr 13 at 1:59am   **Points** 24   **Questions** 6

Available until Apr 16 at 1:59am   **Time Limit** 15 Minutes   **Allowed Attempts** 2

Instructions

Exception handling, unit testing

The questions are all multiple choice or true/false. You may take the quiz twice, with 15 minutes for each attempt. Questions may differ between attempts. The highest score of the two attempts will be considered. You can only view the results once, immediately after finishing an attempt.

This is an open book test, however, you may not share the questions/answers of your quiz with others.

<div align="center">
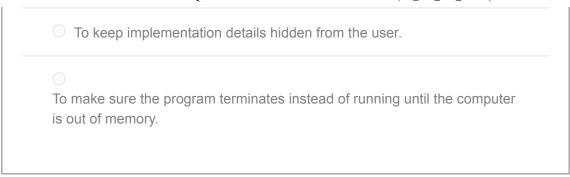
Take the Quiz Again

</div>

Attempt History

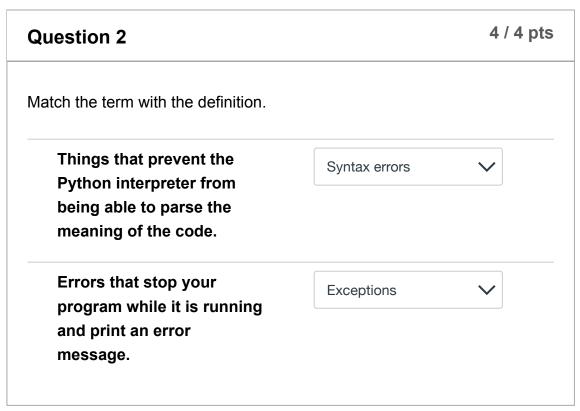|	Attempt	Time	Score
LATEST	**Attempt 1**	7 minutes	20 out of 24

ⓘ Correct answers are hidden.

Score for this attempt: **20** out of 24
Submitted Apr 12 at 9:19pm
This attempt took 7 minutes.

Question 1	**4 / 4 pts**

What is the purpose of a try...except clause?

○ To prevent exceptions from ever happening.

◉ To handle exceptions so that the program isn't halted when they occur.

○ To keep implementation details hidden from the user.

○

To make sure the program terminates instead of running until the computer
is out of memory.

Question 2   4 / 4 pts

Match the term with the definition.

**Things that prevent the
Python interpreter from
being able to parse the
meaning of the code.**

| Syntax errors ⌄ |

**Errors that stop your
program while it is running
and print an error
message.**

| Exceptions ⌄ |

Question 3   4 / 4 pts

What would be the expected output of the following code?

```
class HPError(Exception):
    pass

def hpMadLibs(day, name, creature):
    if name != "Voldemort":
        print("It was a sunny ", day, "at Hogwarts when ", name, "sudd
enly stopped and pointed toward the lake shore.")
        print("'Look over there, I think a ", creature, "has escaped f
rom Hagrid's collection!' ", name, "shouted.")
    else:
        raise HPError

hpMadLibs("Tuesday", "Voldemort", "hippogriff")
```

○ except NameError

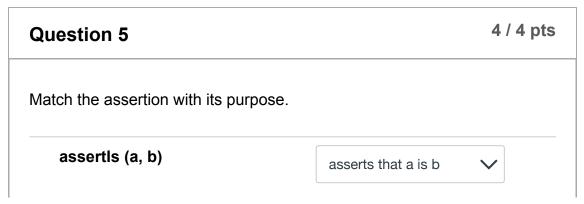◉ HPError

○ Nothing would happen

○
'It was a sunny Tuesday at Hogwarts when Voldemort suddenly stopped
and pointed toward the lake shore.'Look over there, I think a hippogriff has
escaped from Hagrid's collection!' Voldemort shouted.'

Question 4   4 / 4 pts

What would be the expected output of the following code?

```
li = ["one"]
try:
    print(li[2])
except IndexError:
    print("List is too short")
```

◉ "List is too short"

○ ["one"]

○ IndexError: list index out of range

○ "one"

Question 5   4 / 4 pts

Match the assertion with its purpose.

assertIs (a, b)   asserts that a is b   ∨

assertIsNot (a, b)	asserts that a is not b ⌄
assertIn (a, b)	asserts that a is in b ⌄
assertNotIn (a, b)	asserts that a is not in ⌄

Incorrect

Question 6   0 / 4 pts

What would be the expected output of the following code?

```
li = ["hi", "hello", "hey"]

for s in li:
    try:
        print(s[3])
    except IndexError:
        print("String is too short")
    else:
        print("This string has more than 3 characters")
```

Note that "/" in the answers represent line breaks.

○ "hi" / "This string has more than 3 characters"

◉ "String is too short"

○

"String is too short" / "l" / "This string has more than 3 characters" / "String is too short"

○ ["hi", "hello", "hey"]

Quiz Score: 20 out of 24