05 Ponder: Check Your Understanding

Due May 23 at 7:59am   **Points** 20   **Questions** 10   **Time Limit** None
Allowed Attempts 3

Instructions

- **Task:** Demonstrate what you know about input and output.
- **Purpose:** Read a code segment and predict the outcome/output.

Instructions

- Complete the following quiz.

Take the Quiz Again

Attempt History

	Attempt	Time	Score
LATEST	**Attempt 1**	14 minutes	20 out of 20

⚠ Correct answers are hidden.

Score for this attempt: **20** out of 20
Submitted May 18 at 1:15pm
This attempt took 14 minutes.

Question 1	2 / 2 pts

What is the output of the following code

```
x = 5

if x > 5:
    print("first")
else:
    print("second")
```

○ first

◉ second

○ something else is displayed

○ an error occurs

Question 2

2 / 2 pts

What is the output of the following code?

```
x = 5

if x >= 5:
    print("first")
else:
    print("second")
```

◉ first

○ second

○ something else is displayed

○ an error occurs

Question 3

2 / 2 pts

What is the output of the following code?

```
x = 5

if x = 5:
    print("first")
else:
    print("second")
```

○ first

○ second

○ something else is displayed

◉ an error occurs

Question 4

2 / 2 pts

What is the output of the following code?

```
x = 5

if x == 5:
    print("first")
else:
    print("second")
```

◉ first

○ second

○ something else is displayed

○ an error occurs

Question 5

2 / 2 pts

What is the output of the following code?

```
x = -5

if x > 5:
    print("first")
else:
    print("second")
```

○ first

◉ second

○ something else is displayed

○ an error occurs

Question 6   2 / 2 pts

Why might you want to convert a string to lowercase before checking if it is equal to another?

○ It is compares faster that way

◉ So the string still matches even if there is different capitalization

○ The == operator only works with lower case strings

○ To avoid the problem where the string contains digits in addition to numbers

Question 7   2 / 2 pts

What is the proper syntax for an "else if" statement in python?

○ else if x == 5:

○ elseif x == 5:

◉ elif x == 5:

○ else:

Question 8   2 / 2 pts

Question 8

What is the output of the following code (don't worry about blank lines)?

```
x = 5
y = 10

if x == 5:
    print("a")

    if y == 6:
        print("b")
else:
    print("c")

    if y == 10:
        print("d")
```

- ⦿ a

- ○ ab

- ○ ad

- ○ acd

- ○ abcd

- ○ cd

- ○ d

- ○ nothing is displayed

Question 9   2 / 2 pts

What is the output of the following code (don't worry about blank lines)?

```
x = 5
y = 6

if x == 5:
    print("a")

    if y == 6:
        print("b")
else:
```

```
        print("c")

    if y == 10:
        print("d")
```

○ a

◉ ab

○ ad

○ acd

○ abcd

○ cd

○ d

○ nothing is displayed

Question 10   2 / 2 pts

What is the output of the following code (don't worry about blank lines)?

```
x = 6
y = 6

if x == 5:
    print("a")

    if y == 6:
        print("b")
else:
    print("c")

    if y == 10:
        print("d")
```

○ b

◉ c

○ d

○ bc

○ cd

○ nothing is displayed

Quiz Score: **20** out of 20