

Quiz 2

Question 1

2 out of 2 points

Assume that you have an integer variable, *minutes*, that currently contains an integer number of minutes. Which statement determines the number of hours and minutes for that number in variable *minutes*?

Selected Answer: ☒ hours = minutes // 60
minutes = minutes % 60

Answers: ☐ hours = minutes % 60
minutes = minutes / 60
☐ hours = minutes // 60
minutes = minutes / 60
☒ hours = minutes // 60
minutes = minutes % 60
☐ hours = minutes / 60
minutes = minutes % 60

Question 2

2 out of 2 points

Consider the following Python code fragment:

```
if count > 0 :  
    x = x + 1  
print(x)
```

If *count* is initialized to -1 and *x* is initialized to 4 then the value displayed by this code segment is:

Selected Answer: ☒ 4

Answers: ☐ -1

☒ 4

☐ 0

☐ 5

Question 3

10 out of 10 points

Write a Python code fragment that does the following:

- 1- Gets two integer values from the user and stores them in variables `firstVariable` and `secondVariable`, respectively.
- 2- If the value of `firstVariable` was greater than that of `secondVariable`, your program will display the integer division of the two variables (`first // second`). Otherwise, it will display the product of the two variables.
- 3- Finally, the program will print the values of `firstVariable` and `secondVariable` being *right* aligned.

Selected Answer:

```
firstVariable = int(input("Enter the value of the first variable: "))
secondVariable = int(input("Enter the value of the second variable: "))
if firstVariable > secondVariable :
    print(firstVariable//secondVariable)
else:
    print(firstVariable*secondVariable)
print("%6d" % firstVariable)
print("%6d" % secondVariable)
```

Correct Answer: [None]

Response Feedback: [None Given]

Question 4

2 out of 2 points

Assuming that the user provides 100 as input, what is the output of the following Python code fragment?

```
y = int(input("Please enter a number: "))  
if y > 300 :  
    x = y  
else :  
    x = 0  
print("x:", x)
```

Selected Answer: x: 0



Answers: x: 300

x: 0



nothing will be printed.

x: 100

Question 5

2 out of 2 points

What is returned by the function $\text{round}(x,3)$ if $x = 12.3464$

Selected Answer: ☒ 12.346

Answers: 12.365

☒ 12.346

12.364

12.350

Question 6

2 out of 2 points

What is the value of the variable `brandName` after executing the following Python code fragment:

```
brandName = "Apple Inc@"  
brandName = brandName.lower()
```

Selected Answer: ☒ apple inc@

Answers: ☐ APPLE INC@

☐ apple inc2

☐ aPPLE iNC@

☒ apple inc@