

## Quiz 1

### Question 1

2 out of 2 points

Each of the following constitutes a valid variable name that does not follow the common python conventions, except

Selected Answer: ☒ valuePerUnit

Answers: ValuePerUnit

VALUE\_PER\_UNIT

☒ valuePerUnit

\_ValuePerUnit

## Question 2

2 out of 2 points

What is the correct sequence of steps invoked by the Python Interpreter:

Selected Answer: ☒ source code -> compiler -> byte code -> virtual machine

Answers: ☐ byte code -> virtual machine -> source code -> compiler

☐ source code -> virtual machine -> byte code -> compiler

☐ compiler -> source code -> virtual machine -> byte code

☒ source code -> compiler -> byte code -> virtual machine

### Question 3

2 out of 2 points

Which of the following is considered a string in Python?

Selected Answer: ☒ "Today is Wednesday"

Answers: ☒ "Today is Wednesday"

`Today_is_Wednesday`

`Today is Wednesday`

`# Today is Wednesday #`

#### Question 4

2 out of 2 points

What reads Python programs and executes the program instructions?

Selected Answer: ☒ interpreter

Answers: ☐ editor

☒ interpreter

☐ compiler

☐ CPU

---

**Question 5**

9 out of 10 points

In order to find the rate of inflation,  $roi$ , one needs to subtract the initial consumer price index,  $icpi$ , from the next year consumer price index,  $ncpi$ , dividing it by the initial year consumer price index,  $icpi$ , in accordance with the formula:

$$roi = \frac{ncpi - icpi}{icpi}$$

Convert the above formula using Python code following the common variable naming conventions. You may assume that there are no constants in the above formula.

Selected Answer: `rateOfInflation = (nextYearConsumerPriceIndex - initialConsumerPriceIndex) / initialYearConsumerPriceIndex`

Correct Answer: `[None]`

Response `initialConsumerPriceIndex` different from `initialYearConsumerPriceIndex`: -1

Feedback:

---

### Question 6

2 out of 2 points

To use or call a function, you need to specify:

Selected Answer: ☒ the function name and its arguments

Answers:

☐ the function name only

☐ the function name and at least one argument

☒ the function name and its arguments

☐ the function name and a comment describing its use