COGNITIVE CLASS.ai

Review Questions
Instructions for Review Questions

1. Time allowed: **Unlimited**

- We encourage you to go back and review the materials to find the right answer

- Please remember that the Review Questions are worth 50% of your final mark.

2. Attempts per question:

- One attempt - For True/False questions

- Two attempts - For any question other than True/False

3. Clicking the "**Final Check**" button when it appears, means your submission is **FINAL**. You will **NOT** be able to resubmit your answer for that question ever again

4. Check your grades in the course at any time by clicking on the "Progress" tab

Question 1

1/1 point (graded)
What is the syntax used to obtain the first element of the tuple:

A = ('a','b','c')

- ◯ A[1]

- ⦿ A[0]

- ◯ A[:]

✔

| Submit | You have used 1 of 2 attempts |

Question 2

1/1 point (graded)

After applying the following method, L.append(['a','b']), the following list will only be one element longer.

🔘 True

⚪ False

✔️

Submit　　You have used 1 of 1 attempt

Question 3

1/1 point (graded)

How many duplicate elements can you have in a set?

⚪ 1

🔘 0. You can only have one unique element in a set.

⚪ 100

⚪ Depends on the number of elements in your set.

✔️

Submit　　You have used 1 of 2 attempts

Question 4

1/1 point (graded)

Consider the following Python dictionary:

```
Dict={"A":1,"B":"2","C":[3,3,3],"D":(4,4,4),'E':5,'F':6}
```

What is the result of the following operation: `Dict["D"]` ?

⚪ 4

⚪ 3

⚪ [3,3,3]

🔘 (4, 4, 4)

⚪ Error

✔

| Submit | You have used 1 of 2 attempts |

Question 5

1/1 point (graded)
What is an important difference between lists and tuples?

○ Lists can't contain a string.

○ Tuples can only have integers.

○ Lists and tuples are the same.

◉ **Lists are mutable, tuples are not.**

○ There are no zeros in lists.

✔

| Submit | You have used 1 of 2 attempts |