

List and Tuples

TOTAL POINTS 9

1. What is the syntax to obtain the first element of the tuple:

1 point

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

- ☐ A[1]
☒ A[0]
☐ A[:]

2. Consider the tuple **A=((1),[2,3],[4])**, that contains a tuple and list. What is the result of the following operation **A[2]**:

1 point

- ☐ 1
☒ [4]
☐ [2,3]

3. Consider the tuple **A=((1),[2,3],[4])**, that contains a tuple and list. What is the result of the following operation **A[2][0]**:

1 point

- ☒ 4
☐ [4]
☐ 1

4. What is the result of the following operation: **'A,B,C,D'.split(',')**

1 point

- ☒ ['A', 'B', 'C', 'D']
☐ ('A', 'B', 'C', 'D')
☐ 'A,B,C,D'

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

1 point

- ☒ True
☐ False

6. lists are mutable

1 point

- ☒ True
☐ False

7. consider the following list : **A=["hard rock",10,1.2]**

1 point

what will list **A** contain after the following command is run: **del(A[0])**

- ☒ [10,1.2]
☐ ["hard rock",10,1.2]
☐ ["hard rock",10]

8. what is the syntax to clone the list **A** and assign the result to list **B**

1 point

- ☐ B=A
- ☒ B=A[:]

9. what is the result of the following: `len(("disco",10,1.2, "hard rock",10))`

1 point

- ☒ 5
- ☐ 6
- ☐ 0

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