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Module 2 Graded Quiz

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1. Consider the tuple **A=((11,12),[21,22])**, that contains a tuple and list. What is the result of the following operation **A[1]**?

1 / 1 point

☐ ((11,12),[21,22])

☒ [21,22]

☐ (11,12)

✓ **Correct**

correct, the index 1 corresponds to the second element in the tuple, which contains another list.

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][0]`?

1 / 1 point

- ☒ 4
- ☐ [4]
- ☐ 1

 **Correct**

correct, `A[2]` corresponds to the third nested list; we then access the only element of the list using the index 0 i.e. `A[2][0]`.

3. The method `append` does the following:

1 / 1 point

- ☒ adds one element to a list
- ☐ merges two lists or insert multiple elements to a list

 **Correct**

correct, `append`-only adds one element.

4. Consider the following list : `A=["hard rock",10,1,2]`

1 / 1 point

What will list **A** contain after the following command is run: `del(A[1])` ?

- ☐ [10,1,2]
- ☒ ["hard rock",1,2]
- ☐ ["hard rock",10]

✓ **Correct**
correct , we will delete element 1

5. What is the syntax to clone the list **A** and assign the result to list **B** ?

1 / 1 point

- ☐ `B=A`
- ☒ `B=A[:]`

✓ **Correct**
correct

6. What is the result of the following: `len(("disco",10))` ?

1 / 1 point

☒ 2

☐ 6

☐ 5

✓ Correct

correct, there are 2 elements in the tuple so the function `len` returns 2

7. Consider the following dictionary:

1 / 1 point

```
{ "The Bodyguard": "1992", "Saturday Night Fever": "1977" }
```

select the values

☒ "1977"

✓ Correct

correct this is a value

☒ "1992"

✓ Correct

correct this is a value

☐ "The Bodyguard"

☐ "Saturday Night Fever"

8. The variable `release_year_dict` is a Python Dictionary, what is the result of applying the following method: `release_year_dict.values()`?

1 / 1 point

- ☐ retrieve the keys of the dictionary
- ☒ retrieves, the values of the dictionary

✓ **Correct**
correct, this method returns the values

9. Consider the Set: `V={'A','B'}`, what is the result of `V.add('C')`?

1 / 1 point

- ☐ error
- ☒ {'A','B','C'}
- ☐ {'A','B'}

✓ **Correct**
correct

10. What is the result of the following: `'1' in {'1','2'}`?

1 / 1 point

- ☒ True
- ☐ False

✓ **Correct**