

Module 2 Graded Quiz

1. 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 / 1 point

- ☒ [4]
☐ [2,3]
☐ 1

✓ Correct

correct, the index 2 corresponds to the third 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

D

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",10,1.2, "hard rock",10))` ?

1 / 1 point

- ☒ 5
- ☐ 6
- ☐ 0

D

✓ Correct

correct, there are 5 elements in the tuple so the function len returns 5

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

D

☒ "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

D

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

1 / 1 point

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

✓ Correct

correct

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

1 / 1 point

- ☐ False
- ☒ True

✓ Correct

correct