

# Module 2 Graded Quiz

Latest Submission Grade 100%

1.

## Question 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

- ☒ [21,22]
- ☐ ((11,12),[21,22])
- ☐ (11,12)

Correct

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

2.

## Question 2

Consider the tuple **A=((11,12),[21,22])**, that contains a tuple and list. What is the result of the following operation **A[0][1]**?

1 / 1 point

- ☐ 21
- ☐ 11
- ☒ 12

Correct

correct, A[0] corresponds to the first nested tuple; we then access the second element of the tuple using the index 1 i.e A[0][1].

3.

## Question 3

True or false: after applying the following method, **L.append(['a','b'])**, the following list will only be one element longer.

1 / 1 point

- ☒ True
- ☐ False

**Correct**

append only adds one element to a list

**4.**

**Question 4**

Consider the following list : **A=["hard rock",10,1.2]**

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

**1 / 1 point**

☐

[10,1.2]

☒

["hard rock",1.2]

☐

["hard rock",10]

**Correct**

correct , we will delete element 1

**5.**

**Question 5**

If **A** is a list what does the following syntax do: **B=A[:]** ?

**1 / 1 point**

☐

assigns list **A** to list **B**

☒

variable **B** references a new copy or clone of the original list **A**

**Correct**

correct

**6.**

**Question 6**

What is the result of the following: **len(("disco",10,1.2, "hard rock",10))** ?

**1 / 1 point**

☒

5

☐

6

☐

0

**Correct**

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

7.

### Question 7

Consider the following dictionary:

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

select the keys

1 / 1 point

☐

"1992"

☐

"1977"

☒

"Saturday Night Fever"

Correct

correct, this is one of the keys

☒

"The Bodyguard"

Correct

correct, this is one of the keys

8.

### Question 8

The variable **release\_year\_dict** is a Python Dictionary, what is the result of applying the following method:  
**release\_year\_dict.keys()** ?

1 / 1 point

☒

retrieve the keys of the dictionary

☐

retrieves, the values of the dictionary

Correct

correct, the method returns the keys

9.

### Question 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.**

**Question 10**

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

**1 / 1 point**



False



True

**Correct**

correct