

Module 2 Graded Quiz

Your grade: **100%**

Your latest: 100% • Your highest: 100% • To pass you need at least 70%. We keep your highest score.

Next item →

1. Examine the tuple **A=((11,12),[21,22])**, which involves a tuple and list. What is the outcome of the following operation **A[1]**?

1 / 1 point

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

✓ 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]**?

1 / 1 point

- ☐ [2,3]
- ☐ 1
- ☒ [4]
- ☐ 3

✓ Correct

Correct! The third element in the tuple, which has another list within, corresponds to index 2.

3. The method `append` does the following:

1 / 1 point

- ☐ Creates a new list with an added element
- ☐ Merges two lists
- ☐ Adds multiple elements to a list
- ☒ Adds one element 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]
- ☐ Syntax error
- ☒ ["hard rock",1.2]
- ☐ ["hard rock",10]

✓ **Correct**
Correct! The element in index 1 will be deleted.

5. Which of the following syntax is helpful to clone list A and assign the result to list B?

1 / 1 point

- ☐ B=A
- ☐ B[:]=A
- ☒ B=A[:]
- ☐ A=B

✓ **Correct**
Correct! The colon operator is used to create duplicate or clone.

6. What is the outcome of the following? `len(("disco",10,1.2, "hard rock",10))`

1 / 1 point

- ☐ 6
- ☐ 7
- ☐ 0
- ☒ 5

✓ **Correct**
Correct! The function "len" returns the number of elements in a list.

7. Consider the following dictionary:

1 / 1 point

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

Select the values.

☒ "1977"

☒ Correct
Partially correct! This is one of the values.

☒ "1992"

☒ Correct
Partially correct! This is one of the values.

☐ "The Bodyguard"

☐ "Saturday Night Fever"

8. The variable `release_year_dict` is a Python dictionary. What is the outcome of applying the following method? `release_year_dict.values()`

1 / 1 point

- ☐ Retrieves the entire contents of the dictionary
- ☐ Retrieves the keys of the dictionary
- ☒ Retrieves the values of the dictionary
- ☐ Changes the dictionary to a list

☒ 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

- ☐ {'AC', 'BC'}
- ☐ {'A','B'}
- ☐ Error
- ☒ {'A','B','C'}

☒ Correct

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

1 / 1 point

- ☐ False
- ☐ 0
- ☒ True
- ☐ 1

✓ **Correct**
Correct! The conditional statement is true.