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Grade received **100%** Latest Submission Grade 100% To pass 70% or higher

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=((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. 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. 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. 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. 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

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

☒ **Correct**
correct

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

1 / 1 point

- ☒ True
- ☐ False

☒ **Correct**
correct