

✓ Congratulations! You passed!

Grade
received 100%

Latest Submission
Grade 100%

To pass 70% or
higher

Go to next item

You increased your skill scores!

Data Analysis

Your score: 7 (↑6) Conversant

Keep going! At a conversant level, you have familiarity with the vocabulary and are able to pass easy content.



Data Structures

Your score: 33 (↑1) Conversant

Keep going! At a conversant level, you have familiarity with the vocabulary and are able to pass easy content.



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. 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[0])** ?

- ☒ [10,1.2]
☐ ["hard rock",10,1.2]
☐ ["hard rock",10]

✓ Correct

correct, we will delete element zero

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: `'A' in {'A','B'}` ?

1 / 1 point

- ☒ True
- ☐ False



Correct

correct

