

202109-90230 CS021A QR:Cptr Prog I: Python (Gold)

Course Materials

Module 8 - Lists and Tuples Take Test: Quiz 8

Take Test: Quiz 8

Test Information

Description Please watch the videos and read the textbook chapter before taking the quiz

Instructions

Multiple This test allows multiple attempts.

▼ Question Completion Status:

Completion

QUESTION 1

1 points

 SavedLists are ▼

```
info = ['Alicia', 27, 1550.87]
```

You can access the first element from the info list this way -

 ▼Tuples are ▼

```
info = ('Alicia', 27, 1550.87)
```

You can access the first element from the info tuple this way -

 ▼

Click Save and Submit to save and submit. Click Save All Answers to save all answers.

Save All Answers

Save and Submit

- ☐ lengthof
- ☒ len
- ☐ size
- ☐ length

QUESTION 3

1 points

✓ Saved

```
mylist1 = [1,2,3] + [1,2,3]
mylist2 = [1,2,3]*2
print(mylist1)
print(mylist2)
```

When you run the code above, the printed output in -

✖ Question Completion Status:

line2 [1,2,3,1,2,3] ▼

QUESTION 4

1 points

✓ Saved

Use a pencil and paper to walk through the code and capture the value of the variables in each line of code

```
numlist = [3,2,3,1,5]
idx = numlist.index(3)
numlist[idx] = 100
print(numlist)
```

What would be displayed if you run this code in Python IDLE editor

- ☐ [3,2,3,100,5]
- ☐ [3,2,100,1,5]
- ☐ Error
- ☐ [100,2,100,1,5]
- ☒ [100,2,3,1,5]

Click Save and Submit to save and submit. Click Save All Answers to save all answers.

1 points

✓ Saved

Save All Answers

Save and Submit

```
numlist.remove(2)

numlist.insert(2,2)

print(numlist)
```

What would be displayed if you run this code in Python IDLE editor

- ☒ [2,1,2,5]
- ☐ Error
- ☐ [3,2,1,5]
- ☐ [2,2,2,5]

QUESTION 6

1 points

 Saved

How do you create a copy of a list referenced by the variable

🚩 Question Completion Status:

- ☐ A. list2 = list1
- ☐ B. list2 = [] + list1

list2 = []
- ☐ C. for item in list1:
 list2.append(item)
- ☐ D. All of the above
- ☐ E. Options A and B
- ☒ F. Options B and C

QUESTION 7

1 points

 Saved

```
list1 = [1,2,3,4,5]
list2 = list1
list2[1] = 100
list3 = [ ] + list1
```

Click Save and Submit to save and submit. Click Save All Answers to save all answers.

Save All Answers

Save and Submit

line2 - [1,100,3,4,5] ▾

line3 - [1,100,3,4,5] ▾

QUESTION 8

1 points

Save Answer

mylist = list(range(1,6))

▾

mylist[:]

▾

mylist[1::2]

▾

mylist[:-3:2]

▾

QUESTION 9

1 points

✓ Saved

🚩 Question Completion Status:

Select all the lines of code that will throw an error

- ☒ mytuple.reverse()
- ☐ print(mytuple[-1])
- ☒ mytuple.insert(4,1)
- ☒ mytuple.append(7)

QUESTION 10

1 points

✓ Saved

numbers1 = [1,2,3]

numbers2 = [10,20,30]

numbers2 += numbers1

print(numbers1)

[1,2,3] ▾

print(numbers2)

[1,2,3,10,20,30] ▾

Click Save and Submit to save and submit. Click Save All Answers to save all answers.

Save All Answers

Save and Submit

🚩 Question Completion Status:

Click Save and Submit to save and submit. Click Save All Answers to save all answers.

Save All Answers

Save and Submit