



Take Test: Quiz 8

Test Information

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

Instructions

Multiple Attempts This test allows multiple attempts.

Force Completion This test can be saved and resumed later.

QUESTION 1

1 points

✓ Saved

Lists 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
- ☐ length
- ☒ len
- ☐ size

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 -

line1 [1,2,3,1,2,3] ▾

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

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

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

🚩 Question Completion Status:

```
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 `list1` and assign it to the variable `list2`

- ☐ 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

✔ Saved

mylist = list(range(1,6)) [1,2,3,4,5] ▼

mylist[:] [1,2,3,4,5] ▼

mylist[1::2] [2,4] ▼

mylist[:-3:2] [1] ▼

QUESTION 9

1 points

✔ Saved

mytuple = (1,2,3,4,5,6)

Select all the lines of code that will throw an error

☒ mytuple.append(7)

☒ mytuple.insert(4,1)

☐ print(mytuple[-1])

☒ mytuple.reverse()

QUESTION 10

1 points

✔ Saved

numbers1 = [1,2,3]

numbers2 = [10,20,30]

numbers2 += numbers1

print(numbers1) [1,2,3] ▼

print(numbers2) [10,20,30,1,2,3] ▼

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:

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