CS23336-Introduction to Python Programming

Started on	Monday, 21 October 2024, 11:02 PM
State	Finished
Completed on	Monday, 21 October 2024, 11:22 PM
Time taken	19 mins 41 secs

Question 1

Complete

Marked out of 1.00

⚑ Flag question

Question text

What is the output of the given below program?

t = (58, 47, 36, 25, 14, 3)

x = t[2:-1]

print(x)

Question 1 Answer

○ a.
Error

○ b.
(3,14,25)

◉

c.

(36, 25, 14)

○

d.

(58,47,36,25)

Question text

If a=(15,16,17,18,19,25), then a[1:-1] will be

Note :

a=(15,16,17,18,19,25)

print((a[1:-1]))

Question 2 Answer

○

a.

(25,19,18,17)

○

b.

Error

◉

c.

(16,17,18,19)

○

d.

(16,17,18)

Question 3

Complete

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Question text

What is printed when the following code is run?

```
tup = ('30', '3', '2', '8')
print(sorted(tup, reverse = True))
```

Question 3 Answer

○ a.

  ['2', '3', '30', '8']

○ b.

  ['30', '8', '3', '2']

○ c.

  ['2', '3', '8', '30']

◉ d.

  ['8', '30', '3', '2']

Question 4

Complete

Marked out of 1.00

Question text

What will be the output of following Python code?

```
set1={2, 5, 3}

set2={3, 1}

set3={}

set3=set1&set2

print(set3)
```

○ a.
  {2,5,1}

○ b.
  {2,5,3,1}

◉ c.
  {3}

○ d.
  {}

Question 5

Complete

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⚑ Flag question

Question text

```
What is the output of the following code?

aTuple = (10, 20, 30, 40, 50, 60, 70, 80)
print(aTuple[2:5], aTuple[:4], aTuple[3:])
```

○ a.
(30, 40, 50) (10, 20, 30, 40)

◉ b.
(30, 40, 50) (10, 20, 30, 40) (40, 50, 60, 70, 80)

○ c.
(30, 40, 50)(40, 50, 60, 70, 80)

○ d.
(10, 20, 30, 40) (40, 50, 60, 70, 80)

Question 6

Complete

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⚑ Flag question

Question text

What is the output of the given below program?

```
t1 = (1, 2, 3)
t2 = (4, 5, 6)
x = t1+t2
print(x)
```

Question 6 Answer

○ a.
(1,2,3,3,2,1)

○
b.
Error

◉
c.
(1,2,3,4,5,6)

○
d.
(1,2,3)(4,5,6)

Question text

Choose the correct option.

Question 7 Answer

○
a.
In Python, a tuple can contain only strings as its elements.

○
b.
In Python, a tuple can contain only integers as its elements.

○
c.
In Python, a tuple can contain either string or integer but not both at a time.

◉
d.
In Python, a tuple can contain both integers and strings as its elements.

Question text

What is the output of the following

```
set1 = {10,  20,  30,  40,  50}
set2 = {60, 70, 10, 30, 40, 80, 20, 50}

print(set1.issubset(set2))
print(set2.issuperset(set1))
```

Question 8 Answer

○ a.
 False
 False

○ b.
 True
 False

◉ c.
 True
 True

○ d.
 False
 True

Question text

Which of the following options will not result in an error when performed on tuples in Python where tupl=(5,2,7,0,3)?

Question 9 Answer

○

a.
 tupl1=tupl+tupl

○

b.
 tupl.append(2)

○

c.
 tupl.sort()

◉

d.
 tupl[1]=2

Question text

Which of the following options will produce the same output?

t = (15, 83, 21, 49, 60, 45, 52, 85, 100)

```
# options i, ii, iii, or iv
print(t[:-1])
print(t[0:5])
print(t[0:8])
print(t[-7:])
```

⊙

a.
 i,iii

○

b.
 iii,iv

○

c.
 i,ii

○

d.
 ii,iv

Question 11

Complete

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⚑ Flag question

Question text

Find the output of the given Python program?

```
>>>t = (1, 2, 4, 3, 8, 9)

>>>[t[i] for i in range(0, len(t), 2)]
```

Question 11 Answer

○

a.

[1, 2, 4, 3, 8, 9]

○

b.

(1, 4, 8)

◉

c.

[1, 4, 8]

○

d.

[2, 3, 9]

Question text

Which of the following Python code will create a set?

(i) set1=set((0,9,0))
(ii) set1=set([0,2,9])
(iii) set1={}

Question 12 Answer

○

a.

All of the above

○

b.

ii

◉

c.

i,ii

○

d.

iii

Question **13**

Complete

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⚑ Flag question

Question text

Select which is true for Python tuple?

◉

a.

A tuple is unordered

○

b.

We can change the tuple once created

○

c.

A tuple maintains the order of items

○

d.

None of these

Question **14**

Complete

Marked out of 1.00

⚑ Flag question

Question text

Write the Output of the following Code?

t = (15,83,83,52,60,45,52,85,100)

print(min(t)+max(t)+t.count(52))

○ a.
Error

◉ b.
117

○ c.
2

○ d.
100

Question text

Which of the following is a Python tuple?

Question 15 Answer

○ a.
[1,2,3,4]

◉

b.
(1,4,5,6,7)

○

c.
{1,3,8,9,41}

○

d.
("Wonder")

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