

CS23336-Introduction to Python Programming

Started on

Monday, 21 October 2024, 11:07 PM

State

Finished

Completed on

Monday, 21 October 2024, 11:25 PM

Time taken

18 mins 37 secs

Marks

10.00/15.00

Grade

66.67 out of 100.00

Question 1

Correct
Mark 1.00 out of 1.00
 Flag question

Question text

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

Question 1 Answer

☐

a.

`tpl.sort()`

☒

b.

`tpl1=tpl+tpl`

☐

c.

`tpl.append(2)`

☐


d.

`tpl[1]=2`

Feedback

Your answer is correct.
The correct answer is:
`tpl1=tpl+tpl`

Question 2

Correct
Mark 1.00 out of 1.00
 Flag question

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:])
```

Question 2 Answer

☐

- a.
ii,iv
- ☒ b.
i,iii
- ☐ c.
i,ii
- ☐ d.
iii,iv


Feedback

Your answer is correct.
The correct answer is:

i,iii

Question 3

Correct
Mark 1.00 out of 1.00

 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 3 Answer

- ☒ a.
[1, 4, 8]
- ☐ b.
(1, 4, 8)
- ☐ c.
[2, 3, 9]
- ☐ d.
[1, 2, 4, 3, 8, 9]


Feedback

Your answer is correct.
The correct answer is:

[1, 4, 8]

Question 4

Correct
Mark 1.00 out of 1.00

 Flag question

Question text

What is the output of the following

```
set1 = {1, 2, 3, 4, 5}
set2 = {6, 7, 1, 3, 4, 8, 2, 5}
```

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

Question 4 Answer

☐

a.

True

False

☒

b.

True

True

☐

c.

False

True

☐

d.

False

False

Feedback


Your answer is correct.
The correct answer is:

True

True

Question 5

Correct
Mark 1.00 out of 1.00

 Flag question

Question text

What will be the output of the below Python code?

```
t1=(55,12,78,64,25)
```

```
t1.pop(12)
```

```
print(tuple1)
```

Question 5 Answer



a.

Error



b.

(12)



c.

12



d.

(55,78,64,25)

Feedback

Your answer is correct.

The correct answer is:

Error

Question 6

Correct

Mark 1.00 out of 1.00



Flag question

Question text

Find the output of the given Python program?

```
t1 = (55, 44, 33, 22, 11)
```

```
x = [t1[i] for i in range(0, len(t1), 2)]
```

```
print(x)
```

Question 6 Answer



a.

([55,33,11])



b.

(55,33,11)



c.

[55, 33, 11]



d.

[(55,33,11)]

Feedback


Your answer is correct.

The correct answer is:

[55, 33, 11]

Question 7

Correct
Mark 1.00 out of 1.00

 Flag question

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 7 Answer

- ☐ a.
True
False
- ☒ b.
True
True
- ☐ c.
False
False
- ☐ d.
False
True


Feedback

Your answer is correct.
The correct answer is:

True
True

Question 8

Incorrect
Mark 0.00 out of 1.00

 Flag question

Question text

Choose the correct option.

Question 8 Answer

- ☐ a.
In Python, a tuple can contain only strings as its elements.
- ☐ b.

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

☐

c.

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

☒

d.

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

Feedback

Your answer is incorrect.


The correct answer is:

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

Question 9

Correct

Mark 1.00 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 9 Answer

☐

a.

Error

☐

b.

(58,47,36,25)

☐

c.

(3,14,25)

☒

d.

(36, 25, 14)

Feedback

Your answer is correct.


The correct answer is:

(36, 25, 14)

Question 10

Incorrect

Mark 0.00 out of 1.00

 Flag question

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 10 Answer

☐

a.

iii

☐

b.

i,ii

☐

c.

ii

☒

d.

All of the above

Feedback


Your answer is incorrect.

The correct answer is:

i,ii

Question 11

Incorrect
Mark 0.00 out of 1.00

 Flag question

Question text

What will set1|set2 do?

If set1={"a","b",3}
set2={3,7}

Question 11 Answer

☒

a.

A new set will be created with the unique elements of set1 and set2.

☐

b.

Elements of set2 will get appended to set1

☐

c.

Elements of set1 will get appended to set2

☐

d.

A new set will be created with the elements of both set1 and set2

Feedback

Your answer is incorrect.


The correct answer is:

A new set will be created with the elements of both set1 and set2

Question 12

Correct

Mark 1.00 out of 1.00

 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 12 Answer



a.

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



b.

Error



c.

(1,2,3,3,2,1)



d.

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

Feedback

Your answer is correct.


The correct answer is:

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

Question 13

Incorrect

Mark 0.00 out of 1.00

 Flag question

Question text

What is the output of the following union operation

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

```
set3 = set1.union(set2)
print(set3)
```

Question 13 Answer



a.

{40, 10, '10', 50, 20, 60, 30}



b.

SyntaxError: Different types cannot be used with sets



c.

{40, 10, 50, 20, 60, 30}



d.

{40, '10', 50, 20, 60, 30}

Feedback

Your answer is incorrect.

The correct answer is: {40, 10, '10', 50, 20, 60, 30}

Question 14

Incorrect

Mark 0.00 out of 1.00



Flag question

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 14 Answer



a.

(16,17,18,19)



b.

(16,17,18)



c.

(25,19,18,17)



d.

Error

Feedback

Your answer is incorrect.

The correct answer is:

(16,17,18,19)

Question 15

Correct

Mark 1.00 out of 1.00



Flag question

Question text

Find the output of the given Python program?

```
t = (11, 3)
```

```
x = 3 * t
```

```
print(x)
```

Question 15 Answer

☐

a.

(11,3)(11,3)(11,3)

☐

b.

[11,11,11,3,3,3]

☐

c.

(11,3,11,11,3,11,11,11,3)

☒

d.

(11, 3, 11, 3, 11, 3)

Feedback

Your answer is correct.

The correct answer is:

(11, 3, 11, 3, 11, 3)

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