

CS23336-Introduction to Python Programming

Started on Monday, 21 October 2024, 10:21 PM

State Finished

Completed on Monday, 21 October 2024, 10:30 PM


Time taken 9 mins 3 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 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 1 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 2

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 2 Answer

☐

a.

SynatxErro: Different types cannot be used with sets

☒

b.

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

☐

c.

{40, 10, '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 3

Correct

Mark 1.00 out of 1.00

 Flag question

Question text

What will the below Python code do?

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

```
set2={3,2}
```

```
set3={2,1}
```

```
if(set1==set2):
```

```
    print("yes")
```

```
else:
```

```
    print("no")
```

```
if(set1==set3):
```

```
    print("yes")
```

```
else:
```

```
    print("no")
```

Question 3 Answer

☒

a.

Yes, No

☐

b.

No, No

☐

c.

"==" is not supported for set in Python

☐

d.

Yes, Yes

Feedback

Your answer is correct.


The correct answer is:

Yes, No

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

True

☐

b.

False

False

☐

c.

False

True

☐

d.

True

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

Find the output of the given Python program?

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

```
x = 3 * t
```

```
print(x)
```

Question 5 Answer

☐

a.

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

☒

b.

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

☐

c.

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

☐

d.

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


Feedback

Your answer is correct.
The correct answer is:

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

Question 6

Correct
Mark 1.00 out of 1.00

 Flag question

Question text

What is the output of the given below program?

```
my_t1 = (1, 2, 3, 4)
```

```
my_t1.append( (5, 6, 7) )
```

```
print(len(my_t1))
```

Question 6 Answer

☐

a.

1

☐

b.

2

☒

c.

Error

☐

d.

5


Feedback

Your answer is correct.
The correct answer is:

Error

Question 7

Incorrect
Mark 0.00 out of 1.00

 Flag question

Question text

Select which is true for Python tuple?

Question 7 Answer

☒

a.

A tuple is unordered

☐

b.

A tuple maintains the order of items

☐

c.

We can change the tuple once created

☐

d.


None of these

Feedback

Your answer is incorrect.
The correct answer is: A tuple maintains the order of items

Question 8

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 8 Answer

☐

a.

`tupl.sort()`

☒

b.

`tupl1=tupl+tupl`

☐

c.

`tupl.append(2)`

☐

d.

`tupl[1]=2`


Feedback

Your answer is correct.
The correct answer is:

`tupl1=tupl+tupl`

Question 9

Correct
Mark 1.00 out of 1.00

 Flag question

Question text

Select all the correct options to remove “ECE” from the set.

`sampleSet = {"ECE", "R&A", "MCT"}`

Question 9 Answer

☐

a.

`del.sampleSet("ECE")`

☐

b.

`remove.sampleSet("ECE")`

☐

c.

`sampleSet.delete("ECE")`

☒

d.

`sampleSet.discard("ECE")`


Feedback

Your answer is correct.
The correct answer is:

`sampleSet.discard("ECE")`

Question 10

Correct
Mark 1.00 out of 1.00

 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:])
```

Question 10 Answer

☐

a.

(10, 20, 30, 40) (40, 50, 60, 70, 80)

☐

b.

(30, 40, 50)(40, 50, 60, 70, 80)

☒

c.

(30, 40, 50) (10, 20, 30, 40) (40, 50, 60, 70, 80)

☐

d.

(30, 40, 50) (10, 20, 30, 40)


Feedback

Your answer is correct.
The correct answer is:

(30, 40, 50) (10, 20, 30, 40) (40, 50, 60, 70, 80)

Question 11

Incorrect
Mark 0.00 out of 1.00

 Flag question

Question text

What will be the output of following Python code?

```
list1=[1,3,4,2]
```

```
x=list1.pop(2)
```

```
print(set([x]))
```

Question 11 Answer

☐

a.

{4}

☐

b.

{2}

☒

c.

{1,3,2}

☐

d.

{1,3,4}

Feedback

Your answer is incorrect.

The correct answer is:

{4}

Question 12

Correct

Mark 1.00 out of 1.00



Flag question

Question text

What will be the output of following Python code?

```
set1={0,0,9}
```

```
print(set1)
```

Question 12 Answer

☐

a.

It will throw an error as there are two 0 while creating the set.

☐

b.

{9}

☐

c.

{0,0,9}

☒

d.

{0,9}

Feedback

Your answer is correct.

The correct answer is:

{0,9}

Question 13

Incorrect

Mark 0.00 out of 1.00



Flag question

Question text

What will be the output of below Python code?

```
tpl=("python","programming","Computer")  
print(tpl[-3:0])
```


Question 13 Answer

- ☐ a.
Computer
- ☒ b.
Error
- ☐ c.
(Computer)
- ☐ d.
()


Feedback

Your answer is incorrect.
The correct answer is:

()

Question 14

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 14 Answer

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


Feedback

Your answer is correct.
The correct answer is:

[1, 4, 8]

Question 15

Incorrect
Mark 0.00 out of 1.00

 Flag question

Question text

What is printed when the following code is run?

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

Question 15 Answer

☐

a.

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

☐

b.

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

☐

c.

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

☒

d.

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

Feedback

Your answer is incorrect.
The correct answer is:

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

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