

CS23336-Introduction to Python Programming

Started on Monday, 21 October 2024, 8:38 PM

State Finished

Completed on Monday, 21 October 2024, 8:57 PM

Time taken 18 mins 38 secs

Marks 11.00/15.00

Grade 73.33 out of 100.00

Question 1

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 1 Answer

☐

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

☐

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

☒

c.
SynatxError: Different types cannot be used with sets

☐

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

Feedback

Your answer is incorrect.

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

Question 2

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 2 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 3

Incorrect
Mark 0.00 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 3 Answer



a.

5



b.

Error



c.

1

☒

d.

2

Feedback

Your answer is incorrect.


The correct answer is:

Error

Question 4

Correct

Mark 1.00 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 4 Answer

☐

a.

(16,17,18)

☒

b.

(16,17,18,19)

☐

c.

(25,19,18,17)

☐

d.

Error

Feedback

Your answer is correct.


The correct answer is:

(16,17,18,19)

Question 5

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 5 Answer



a.

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



b.

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



c.

Error



d.

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

Feedback

Your answer is correct.


The correct answer is:

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

Question 6

Incorrect

Mark 0.00 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 6 Answer



a.

[2, 3, 9]



b.

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



c.

[1, 4, 8]



d.

(1, 4, 8)

Feedback

Your answer is incorrect.


The correct answer is:

[1, 4, 8]

Question 7

Correct

Mark 1.00 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 7 Answer

☐

a.

{2}

☒

b.

{4}

☐

c.

{1,3,4}

☐

d.

{1,3,2}

Feedback

Your answer is correct.


The correct answer is:

{4}

Question 8

Correct

Mark 1.00 out of 1.00

 Flag question

Question text

Find the output of the given Python program?

```
t1 = (1,2,3,(4,5))
```

```
t2 = (3,2,1,(4,5))
```

```
print(t1>t2)
```

Question 8 Answer

☐

a.

Error

☐

b.

Error



c.

True



d.

False

Feedback


Your answer is correct.
The correct answers are:

False,

Error

Question 9

Correct
Mark 1.00 out of 1.00

 Flag question

Question text

Which of the following is a Python tuple?

Question 9 Answer



a.

{1,3,8,9,41}



b.

("Wonder")



c.

[1,2,3,4]



d.

(1,4,5,6,7)


Feedback

Your answer is correct.
The correct answer is:

(1,4,5,6,7)

Question 10

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 10 Answer



a.

(36, 25, 14)



b.

(58,47,36,25)



c.

(3,14,25)



d.

Error

Feedback

Your answer is correct.

The correct answer is:

(36, 25, 14)

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.

Elements of set2 will get appended to set1



b.

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



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

A python tuple can be created without using any parentheses. (True/False)

Question 12 Answer

☐

a.

False

☒

b.

True


Feedback

Your answer is correct.
The correct answer is:

True

Question 13

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 13 Answer

☐

a.

False

False

☐

b.

True

False

☒

c.

True

True

☐

d.

False

True

Feedback


Your answer is correct.
The correct answer is:

True

True

Question 14

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 14 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 15

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 15 Answer

☐

a.

No, No

☐

b.

Yes, Yes

☒

c.

Yes, No

☐

d.

"==" is not supported for set in Python

Feedback

Your answer is correct.

The correct answer is:

Yes, No

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