

CS23336-Introduction to Python Programming

Started on

Wednesday, 14 August 2024, 2:03 PM

State

Finished

Completed on

Wednesday, 14 August 2024, 2:28 PM

Time taken

24 mins 59 secs

Question 1

Complete

Marked out of 1.00

Flag question

Question text

What will be the output of the following statement?

```
print(15 + 20 / 5 + 3 * 2 - 1)
```

Question 1 Answer

☐

a.

12

☐

b.

19

☒

c.

24.0

☐

d.

19.0

Question 2

Complete

Marked out of 1.00

Remove flag

Question text

What will be the value of x in the following Python expression, if the result of that expression is 2?

`x>>2`

Question 2 Answer

☐

a.

2

☐

b.

1

☒

c.

8

☐

d.

4

Question 3

Complete
Marked out of 1.00
Flag question

Question text

What is the output of the following code

```
x = 1j
```

```
#display x:
```

```
print(x)
```

```
#display the data type of x:
```

```
print(type(x))
```

Question 3 Answer

☒

a.

1j

<class 'complex'>

☐

b.

lj

<class 'object'>

☐

c.

lj.0

<class 'float'>

☐

d.

l

<class 'int'>

Question 4

Complete
Marked out of 1.00
Flag question

Question text

An identifier can have a maximum length of ----- characters in Python.

Question 4 Answer

☐

a.

7

☐

b.

50

☒

c.

79

☐

d.

31

Question 5

Complete
Marked out of 1.00
Flag question

Question text

Which of the following is not a valid variable name in Python?

Question 5 Answer

☐

a.

var_name

☐

b.

_var

☐

c.

var11

☒

d.

5var

Question 6

Complete
Marked out of 1.00
Flag question

Question text

What will be the output of statement `2**2**2**2`

Question 6 Answer

☒

a.

256

☐

b.

65536

☐

c.

16

☐

d.

32768

Question 7

Complete
Marked out of 1.00
Remove flag

Question text

What is the output of the following assignment operator?

```
y = 10
```

```
x = y += 2
```

```
print(x)
```

Question 7 Answer

☐

a.

14

☒

b.

Syntax Error

☐

c.

10

☐

d.

Question 8

Complete
Marked out of 1.00
Flag question

Question text

State the output of the following code.

```
num1 = '10'  
num2 = '20'  
sum = num1 + num2  
print(sum)
```

Question 8 Answer

☐

a.

30

☐

b.

10

☐

c.

Error

☒

d.

1020

Question 9

Complete
Marked out of 1.00
Flag question

Question text

What is the output of the following code: `print 11//2?`

Question 9 Answer

☐

a.

Error

☐

b.

5.5

☐

c.

5.0

☒

d.

5

Question 10

Complete

Marked out of 1.00

Flag question

Question text

What is the output of the following code

```
x = 5
```

```
y = 3
```

```
print(x == y)
```

Question 10 Answer

☐

a.

Error

☐

b.

5==3



c.

False



d.

True

Question 11

Complete
Marked out of 1.00
Flag question

Question text

What is the output of the following code

```
x = ["apple", "banana"]  
y = ["apple", "banana"]  
z = x  
  
print(x is z)  
  
print(x is y)  
  
print(x == y)
```

Question 11 Answer



a.

True
False
True



b.

False
False
True



c.

True
False
False



d.

True

True

True

Question 12

Complete
Marked out of 1.00
Flag question

Question text

What is the output of the following code

```
x = ["apple", "banana", "cherry"]
```

```
#display the data type of x:
```

```
print(type(x))
```

Question 12 Answer



a.

<class 'complex'>



b.

<class 'list'>



c.

<class 'float'>



d.

`<class 'int'>`

Question 13

Complete
Marked out of 1.00
Flag question

Question text

Which of the following statements assigns the value 35 to the variable x in Python:

Question 13 Answer



a.

`int x = 35`



b.

`x := 35`



c.

`x ← 35`



d.

`x = 35`

Question 14

Complete
Marked out of 1.00
Remove flag

Question text

What is the output of the following code

```
print(bool(0), bool(3.14159), bool(-3), bool(1.0+1j))
```

Question 14 Answer

☐

a.

- False True True True

☒

b.

- False True False True

☐

c.

- True True False False

☐

d.

- True True False True

Question 15

Complete
Marked out of 1.00
Flag question

Question text

What is the output of the following expression?

```
z=2
```

```
z**=3
```

```
print(z)
```

Question 15 Answer

☐

a.

3



b.

0



c.

8



d.

Error

Finish review

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