CS23336-Introduction to Python Programming

Started on Wednesday, 7 August 2024, 2:20 PM
State Finished
Completed on Wednesday, 7 August 2024, 2:32 PM
Time taken 11 mins 59 secs

Question 1

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 1 Answer

○ a.

Error

⦿ b.

1020

○ c.

10

○ d.

30

Question 2

Complete
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Question text

What is the order of precedence in python?

1. **Multiplication**

2. **Division**

3. **Parentheses**

4. **Addition**

5. **Exponentiation**

○
a.

3,1,2,4,5

○
b.

1,2,3,4,5

○
c.

1,5,2,4,3

  3,1,2,4,5

◉
d.

3,5,1,2,4

Question 3

Complete
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? Flag question

Question text

What is the output of the following code

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

Question 3 Answer

○
a.

- False True False True

○
b.

- True True False True

◉
c.

- False True True True

○

d.

  - True True False False

Question 4

Complete
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Question text

What is the output of the following code

x = 4

  y = 10

print(x % y)

---Question 4 Answer---

○
a.

10

○
b.

6

◉
c.

4

○
d.

1

Question 5

Complete
Marked out of 1.00
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Question text

What is the two's complement of -44?

---Question 5 Answer---

○
a.

1011011

◉
b.

11010100

○
c.

10110011

○
d.

11101011

Question 6

Complete
Marked out of 1.00
⬛Flag question

Question text

What is the value of the expression

```
print(100 / 25)
```

```
print(100//25)
```

┌─Question 6 Answer──
◉
a.

4.0

4

○
b.

4

4

○
c.

4.0

4.0

○
d.

4.0

4.00
└──

Question 7

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 7 Answer

○
a.

True

○
b.

5==3

◉
c.

False

○
d.

Error

Question 8

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 8 Answer

○
a.

**l
<class 'int'>**

○
b.

**lj.0
<class 'float'>**

○
c.

**lj
<class 'object'>**

◉
d.

**lj
<class 'complex'>**

Question 9

Complete

Marked out of 1.00

Question text

Which is the following is an Arithmetic operator in Python?

1. // (floor division) operator
2. & (binary and) operator
3. ~ (navigation) operator
4. >> (right shift) operator

---Question 9 Answer---

○ a.

2

○ b.

4

◉ c.

1

○ d.

3

Question 10

Complete
Marked out of 1.00

Question text

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

---Question 10 Answer---

○ a.

16

○ b.

256

◉ c.

65536

○ d.

32768

Question 11

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 11 Answer

○ a.

19.0

○ b.

12

◉ c.

24.0

○ d.

19

Question 12

Complete
Marked out of 1.00
? Flag question

Question text

What is the output of the following assignment operator?

```
y = 10
```

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

```
print(x)
```

Question 12 Answer

◉ a.

Syntax Error

○ b.

14

○ c.

12

○ d.

10

Question 13

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 13 Answer---

○ a.

3

◉ b.

8

○ c.

0

○ d.

Error

Question 14

Complete
Marked out of 1.00
⯑ Flag question

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 14 Answer---

○ a.

8

○ b.

2

○ c.

1

◉ d.

4

Question 15

Complete
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Question text

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

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