

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

Marked out of 1.00



Flag question

Question text

What is the order of precedence in python?

1. **Multiplication**

2. **Division**

3. **Parentheses**

4. **Addition**

5. Exponentiation

Question 2 Answer

☐

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

Marked out of 1.00

 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

Marked out of 1.00



Flag question

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



Flag question

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

Question / 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.

1

<class 'int'>

☐

b.

1j.0

<class 'float'>

☐

c.

1j

<class 'object'>

☒

d.


1j

<class 'complex'>

Question 9

Complete

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 Flag question

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

 Flag question

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

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 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

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 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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 Flag question

Question text

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

Question 15 Answer

☐

a.

var11

☐

b.

var_name

☒

c.

5var

☐

d.

_var

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