

CS23336-Introduction to Python Programming

Started on Friday, 9 August 2024, 12:09 PM

State Finished


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Time taken 19 mins 6 secs

Question 1

Complete

Marked out of 1.00

 Flag question

Question text

Which of the following type of Python operator will only print True or False in output when we use it in our program?

Question 1 Answer

☐

a.

Membership Operator

☒

b.

Comparison Operator

☐

c.

Arithmetic Operator

☐


d.

Assignment Operator

Question 2

Complete

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 Flag question

Question text

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

Question 2 Answer

☐

a.

var11

☒

b.

5var

☐

c.

var_name

☐

d.

_var

Question 3

Complete

Marked out of 1.00



Flag question

Question text

What will be the output of statement `22**2**2`**

Question 3 Answer

☒

a.

256

☐

b.

32768

☐

c.

65536

☐

d.

16

Question 4

Complete

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Flag question

Question text

What is the output of the following assignment operator?

```
y = 10
```

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

```
print(x)
```

Question 4 Answer

☐

a.

12

☐

b.

10

☒

c.

Syntax Error

☐

d.

14

Question 5

Complete

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Flag question

Question text

What is the output of the following code

```
x = 8
y = 2
print(x ** y)
print(x // y)
```

Question 5 Answer

☐

a.

0

64

☒

b.

64

4

☐

c.

64

0

☐

d.

64

8

4

Question 6

Complete

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Flag question

Question text


What is the value of the expression $1+2**3*4+12*((100+4)*10-200//10)$?

Question 6 Answer

- ☐ a.
-24568
- ☐ b.
12493
- ☐ c.
-23679
- ☒ d.
12273

Question 7

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 7 Answer

- ☐ a.
1
- ☒ b.
8
- ☐ c.
4
- ☐ d.
2

Question 8

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 8 Answer

☐

a.

0

☐

b.

Error

☐

c.

3

☒


d.

8

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.

1

☐

b.

2

☐

c.

4

☐


d.

3

Question 10

Complete

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 Flag question

Question text

What is the order of precedence in python?

1. **Multiplication**
2. **Division**
3. **Parentheses**
4. **Addition**
5. **Exponentiation**

Question 10 Answer

☒

a.

3,5,1,2,4

☐

b.

3,1,2,4,5

☐

c.

1,2,3,4,5

☐

d.


1,5,2,4,3

3,1,2,4,5

Question 11

Complete

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 Flag question

Question text

What is the two's complement of -44?

Question 11 Answer

☐

a.

1011011

☐
b.

10110011

☐
c.

11101011


☒
d.

11010100

Question 12

Complete

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 Flag question

Question text

What is the output of the following code

```
x = 4
```

```
    y = 10
```

```
print(x % y)
```

Question 12 Answer

☒
a.

4

☐
b.

10

☐
c.

1


☐
d.

6

Question 13

Complete

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 Flag question

Question text

In the Python statement `x = a + 6 - c - d`:

- a and b are _____

- $a + 6 - c - d$ is _____

Question 13 Answer



a.

operands, an expression



b.

operands, an equation



c.

operators, a statement



d.

terms, a group

Question 14

Complete

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Flag question

Question text

Which among the following list of operators has the highest precedence?

$+$, $-$, $**$, $\%$, $/$, $<<$, $>>$, $|$

Question 14 Answer



a.

$\%$



b.

$**$



c.

$|$



d.

$<<$, $>>$

Question 15

Complete

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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 15 Answer

☐

a.

l

<class 'int'>

☐

b.

lj.0

<class 'float'>

☐

c.

lj

<class 'object'>

☒

d.

lj

<class 'complex'>

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