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CS23336-Introduction to Python Programming

Started on	Friday, 9 August 2024, 12:15 PM
State	Finished
Completed on	Friday, 9 August 2024, 12:23 PM
Time taken	7 mins 47 secs

Question 1

Complete

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Question text

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

Question 1 Answer

☐

a.
-24568

☐

b.
12493

☐

c.

-23679

☒


d.

12273

Question 2

Complete

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Question text

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

Question 2 Answer

☐

a.

_var

☐

b.

var11

☒

c.

5var

☐


d.

var_name

Question 3

Complete

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Question text

What is the output of the following code

```
x = 5
```

```
y = 3
```

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

Question 3 Answer

☐

a.

5==3

☐

b.

Error

☐

c.

True

☒


d.

False

Question 4

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 4 Answer

☐

a.
64
8
4

☐

b.
64
0

☐

c.
0
64


☒

d.
64

Question 5

Complete

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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 5 Answer

☐

a.
Arithmetic Operator

☐

b.
Membership Operator

☐

c.
Assignment Operator

☒

d.
Comparison Operator

Question 6

Complete

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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 6 Answer

☐

a.
1

☐

b.
4

☒

c.
8

☐

d.
2

Question 7

Complete

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Question text

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

Question 7 Answer

☐

a.
5.0

☐

b.
5.5

☒

c.
5


☐

d.
Error

Question 8

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 8 Answer

☐
a.
l
<class 'int'>

☒
b.
lj
<class 'complex'>


☐
c.
lj
<class 'object'>

☐
d.
lj.0
<class 'float'>

Question 9

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 9 Answer

☒

a.
Syntax Error

☐

b.
12

☐

c.
10


☐

d.
14

Question 10

Complete

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 [Flag question](#)

Question text

What will be the output of the following statement?

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

Question 10 Answer

☒

a.
24.0

☐

b.
12

☐

c.

19

☐


d.

19.0

Question 11

Complete

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 [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 11 Answer

☐

a.

<class 'complex'>

☒

b.

<class 'list'>

☐

c.

<class 'float'>

☐


d.

<class 'int'>

Question 12

Complete

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Question text

What is the value of the expression

`print(100 / 25)`

`print(100//25)`

Question 12 Answer

☐

a.

4.0

4.0

☐

b.

4.0

4.00

☒


c.
4.0
4

☐
d.
4
4

Question 13

Complete

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Question text

Which of the following is an Arithmetic operator in Python?

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

Question 13 Answer

☐
a.
3

☒
b.
1

☐


c.
4

☐
d.
2

Question 14

Complete

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Question text

What is the two's complement of -44?

Question 14 Answer

☐

a.
10110011

☐

b.
11101011

☒

c.
11010100


☐

d.
1011011

Question 15

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 15 Answer

☒

a.

- False True True True

☐

b.

- True True False False

☐

c.

- True True False True

☐

d.

- False True False True

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