

CS23336-Introduction to Python Programming

Started on Saturday, 17 August 2024, 12:03 PM

State Finished


Completed on Saturday, 17 August 2024, 12:20 PM

Time taken 17 mins 14 secs

Question 1

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 1 Answer

☐

a.

`x ← 35`

☐

b.

`x := 35`

☐

c.

`int x = 35`

☒


d.

`x = 35`

Question 2

Complete

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Flag question

Question text

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

`+, -, **, %, /, <<, >>, |`

Question 2 Answer

☐

a.

<<, >>

☒

b.

**

☐

c.

|

☐


d.

%

Question 3

Complete

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 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 3 Answer

☐

a.

True

False

True

☐

b.

True

False

False

☒

c.

True

True


True

- ☐ d.

False
False
True

Question 4

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 4 Answer

- ☐ a.
8
- ☐ b.
2
- ☐ c.
1
- ☒ d.
4

Question 5

Complete
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 Flag question

Question text

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

Question 5 Answer

- ☐ a.
Error
- ☒ b.
5
- ☐ c.

5.5

☐


d.

5.0

Question 6

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 6 Answer

☐

a.

```
<class 'float'>
```

☒

b.

```
<class 'list'>
```

☐

c.

```
<class 'int'>
```

☐


d.

```
<class 'complex'>
```

Question 7

Complete

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 Flag question

Question text

What is the two's complement of -44?

Question 7 Answer

☐

a.

11101011

☒

b.

11010100

☐

c.

10110011

☐

d.

1011011

Question 8

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 8 Answer

☐

a.

3,1,2,4,5

☒

b.

3,5,1,2,4

☐

c.

1,2,3,4,5

☐

d.

1,5,2,4,3

3,1,2,4,5

Question 9

Complete

Marked out of 1.00



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

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.
- False
- ☐ c.
- 5==3
- ☐ d.
- True

Question 11

Complete
Marked out of 1.00
 Flag question

Question text

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

Question 11 Answer


☐ a.
7

☒ b.
79

☐ c.
50

☐ d.
31

Question 12

Complete
Marked out of 1.00
 Flag question

Question text

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

Question 12 Answer

☐ a.
var11

☐

b.

_var

☒

c.

5var

☐


d.

var_name

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.

Error

☐

b.

3

☐

c.

0

☒


d.

8

Question 14

Complete

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 Flag question

Question text


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

Question 14 Answer

- ☐ a.
32768
- ☒ b.
65536
- ☐ c.
256
- ☐ d.
16

Question 15

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 15 Answer

- ☒ a.
Syntax Error
- ☐ b.
10
- ☐ c.
12
- ☐ d.
14

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