

CS23336-Introduction to Python Programming

Started on

Friday, 9 August 2024, 12:03 PM

State

Finished

Completed on

Friday, 9 August 2024, 12:20 PM

Time taken

17 mins 6 secs

Marks

12.00/15.00

Grade

80.00 out of 100.00

Question 1

Correct
Mark 1.00 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 1 Answer

☐

a.

<class 'float'>

☐

b.

<class 'int'>

☒

c.

<class 'list'>

☐

d.

<class 'complex'>

Feedback


Your answer is correct.

The correct answer is:

<class 'list'>

Question 2

Correct
Mark 1.00 out of 1.00

 Flag question

Question text

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

Question 2 Answer

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


Feedback

Your answer is correct.
The correct answer is:

65536

Question 3

Correct
Mark 1.00 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 True True
- ☐ b.

- True True False True



c.

- True True False False



d.

- False True False True

Feedback

Your answer is correct.

The correct answer is:

- False True True True

Question 4

Correct

Mark 1.00 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.

4



b.

6



c.

10



d.

1

Feedback


Your answer is correct.

The correct answer is:

4

Question 5

Incorrect
Mark 0.00 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 5 Answer

- ☐ a.
30
- ☐ b.
Error
- ☒ c.
1020
- ☐ d.
10


Feedback

Your answer is incorrect.
The correct answer is:

Error

Question 6

Correct
Mark 1.00 out of 1.00

 Flag question

Question text

What is the output of the following code

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

Question 6 Answer

- ☐ a.
64
- ☐ 0

☐

b.

0

64

☒

c.

64

4

☐

d.

64

8

4

Feedback


Your answer is correct.
The correct answer is:

64

4

Question 7

Correct
Mark 1.00 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.

5==3

☐

b.

Error

☐

c.

True

☒

d.

False


Feedback

Your answer is correct.
The correct answer is:

False

Question 8

Correct
Mark 1.00 out of 1.00

 Flag question

Question text

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

Question 8 Answer

☐

a.

var11

☒

b.

5var

☐

c.

var_name

☐

d.

_var


Feedback

Your answer is correct.
The correct answer is:

5var

Question 9

Correct
Mark 1.00 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 9 Answer

☐

a.

1,5,2,4,3

3,1,2,4,5

☐

b.

3,1,2,4,5

☐

c.

1,2,3,4,5

☒

d.

3,5,1,2,4


Feedback

Your answer is correct.
The correct answer is:

3,5,1,2,4

Question 10

Correct
Mark 1.00 out of 1.00

 Flag question

Question text

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

Question 10 Answer

☐

a.

-23679

☐

b.

12493

☐

c.

-24568

☒

d.

12273

Feedback

Your answer is correct.

The correct answer is:

12273

Question 11

Correct

Mark 1.00 out of 1.00



Flag question

Question text

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

- a and b are _____
- $a + 6 - c - d$ is _____

Question 11 Answer

☒

a.

operands, an expression

☐

b.

terms, a group

☐

c.

operands, an equation

☐

d.

operators, a statement

Feedback


Your answer is correct.

The correct answer is:

operands, an expression

Question 12

Correct
Mark 1.00 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 12 Answer

☐

a.

1

<class 'int'>

☒

b.

1j

<class 'complex'>

☐

c.

1j.0

<class 'float'>

☐

d.

1j

<class 'object'>

Feedback


Your answer is correct.
The correct answer is:

1j

<class 'complex'>

Question 13

Incorrect
Mark 0.00 out of 1.00

 Flag question

Question text

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

Question 13 Answer

☐

a.

5.0

☐

b.

5.5

☒

c.

5

☐

d.

Error

Feedback

Your answer is incorrect.
The correct answer is:

Error

Question 14

Incorrect
Mark 0.00 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 14 Answer

☒

a.

12

☐

b.

14

☐

c.

10

☐

d.

Syntax Error


Feedback

Your answer is incorrect.
The correct answer is:

Question 15

Correct

Mark 1.00 out of 1.00

 Flag question

Question text

What is the output of the following expression?

z=2

z=3**

print(z)

Question 15 Answer

☒

a.

8

☐

b.

3

☐

c.

0

☐

d.

Error

Feedback

Your answer is correct.

The correct answer is:

8

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