


CS23336-Introduction to Python Programming

Started on	Wednesday, 14 August 2024, 1:29 PM
State	Finished
Completed on	Wednesday, 14 August 2024, 1:36 PM
Time taken	7 mins 52 secs
Marks	4.00/15.00
Grade	26.67 out of 100.00

Question 1

Incorrect
Mark 0.00 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 1 Answer

☒

a.

• True True False True

☐

b.

• False True False True

☐

c.

• False True True True

☐

d.

• True True False False

Feedback


Your answer is incorrect.

The correct answer is:

- False True True True

Question 2

Incorrect
Mark 0.00 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 2 Answer

☐

a.

19.0

☒

b.

12

☐

c.

24.0

☐

d.

19


Feedback

Your answer is incorrect.
The correct answer is:

24.0

Question 3

Incorrect
Mark 0.00 out of 1.00

 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

True

True

☒

b.

True

False

False



c.

False

False

True



d.

True

False

True

Feedback

Your answer is incorrect.

The correct answer is:

True

False

True

Question 4

Incorrect

Mark 0.00 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 4 Answer



a.

64

0



b.

64

8

4



c.

0

64



d.

64

4

Feedback


Your answer is incorrect.
The correct answer is:

64

4

Question 5

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 5 Answer

☒

a.

5var

☐

b.

var11

☐

c.

_var

☐

d.

var_name


Feedback

Your answer is correct.
The correct answer is:

5var

Question 6

Incorrect
Mark 0.00 out of 1.00

 Flag question

Question text

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

Question 6 Answer

☒

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


Feedback

Your answer is incorrect.
The correct answer is:

65536

Question 7

Incorrect
Mark 0.00 out of 1.00

 Flag question

Question text

What is the output of the following expression?

```
z=2
z**=3
print(z)
```

Question 7 Answer

☐ a.
8

☒ b.
Error

☐ c.
3

☐ d.
0


Feedback

Your answer is incorrect.
The correct answer is:

8

Question 8

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 8 Answer

☐

a.

14

☒

b.

12

☐

c.

Syntax Error

☐

d.

10


Feedback

Your answer is incorrect.
The correct answer is:

Syntax Error

Question 9

Incorrect
Mark 0.00 out of 1.00

 Flag question

Question text

What is the output of the following code

```
x = 5  
y = 3  
  
print(x == y)
```

Question 9 Answer

☐

a.

False

- ☐ b.
5==3
- ☐ c.
True
- ☒ d.
Error


Feedback

Your answer is incorrect.
The correct answer is:

False

Question 10

Incorrect
Mark 0.00 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 10 Answer

- ☐ a.
<class 'float'>
- ☐ b.
<class 'list'>
- ☒ c.
<class 'complex'>
- ☐ d.
<class 'int'>

Feedback

Your answer is incorrect.


The correct answer is:

<class 'list'>

Question 11

Incorrect

Mark 0.00 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 11 Answer

☐

a.

2

☒

b.

4

☐

c.

1

☐

d.

8

Feedback

Your answer is incorrect.


The correct answer is:

8

Question 12

Correct

Mark 1.00 out of 1.00

 Flag question

Question text

What is the two's complement of -44?

Question 12 Answer

☐

a.

11101011

☐

b.

1011011

☐

c.

10110011

☒

d.

11010100


Feedback

Your answer is correct.
The correct answer is:

11010100

Question 13

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 13 Answer

☐

a.

terms, a group

☐

b.

operators, a statement

☒

c.

operands, an expression

☐

d.

operands, an equation


Feedback

Your answer is correct.
The correct answer is:

operands, an expression

Question 14

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 14 Answer

☐

a.

Error

☒

b.

1020

☐

c.

10

☐

d.

30


Feedback

Your answer is incorrect.
The correct answer is:

Error

Question 15

Correct
Mark 1.00 out of 1.00

 Flag question

Question text

What is the value of the expression

```
print(100 / 25)
```

```
print(100//25)
```

Question 15 Answer

☒

a.

4.0

4

☐

b.

4

4

☐

c.

4.0

4.0

☐

d.

4.0

4.00

Feedback

Your answer is correct.
The correct answer is:

4.0

4

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