# CS23336-Introduction to Python Programming

| | |
|---|---|
| **Started on** | Wednesday, 7 August 2024, 1:51 PM |
| **State** | Finished |
| **Completed on** | Wednesday, 7 August 2024, 2:11 PM |
| **Time taken** | 20 mins 22 secs |

## Question 1

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 1 Answer---

○ a.

**<class 'complex'>**

○ b.

**<class 'float'>**

○ c.

**<class 'int'>**

○
d.

**<class 'list'>**

## Question 2

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 2 Answer---

○
a.

4

◉
b.

1

○
c.

2

○
d.

3

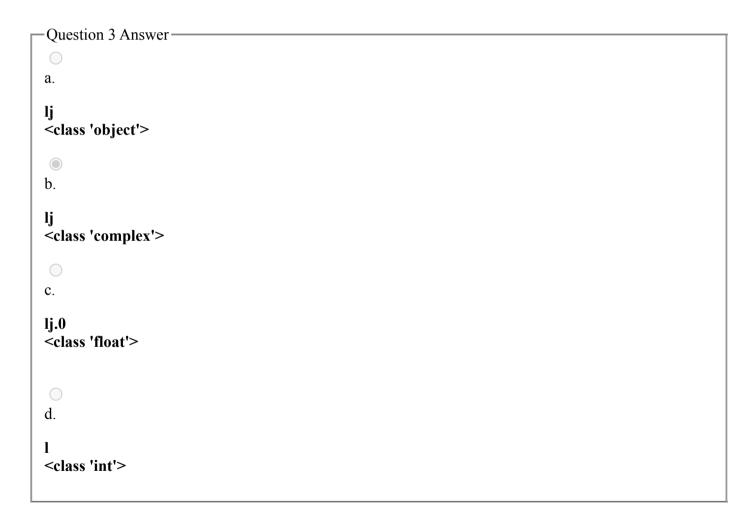## Question 3

Complete

Marked 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 3 Answer---

○
a.

**1j
<class 'object'>**

◉
b.

**1j
<class 'complex'>**

○
c.

**1j.0
<class 'float'>**

○
d.

**1
<class 'int'>**

## Question 4

Complete
Marked 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 5

Complete
Marked out of 1.00
Flag question

**Question text**

**State the output of the following code.**

**num1 = '10'**

**num2 = '20'**

**sum = num1 + num2**

**print(sum)**

○ a.

Error

◉ b.

1020

○ c.

30

○ d.

10

## Question 6

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 6 Answer

○ a.

**int x = 35**

◉ b.

**x = 35**

○ c.

**x := 35**

○
d.

**x ← 35**

## Question 7

**Question text**

**What is the order of precedence in python?**

1. **Multiplication**

2. **Division**

3. **Parentheses**

4. **Addition**

5. **Exponentiation**

┌─ Question 7 Answer ─────────────────────────────────────┐
│ ○
│ a.
│
│ **1,2,3,4,5**
│
│
│
│
│
│ ○
│ b.
│
│ **1,5,2,4,3**
│
│
│  **3,1,2,4,5**
│
└─────────────────────────────────────────────────────────┘

○ c.

**3,1,2,4,5**

◉ d.

**3,5,1,2,4**

## Question 8

Complete
Marked out of 1.00
Flag question

**Question text**

**What is the output of the following code**

**x = 4**

   **y = 10**

**print(x % y)**

┌─ Question 8 Answer ─────────────────────────────
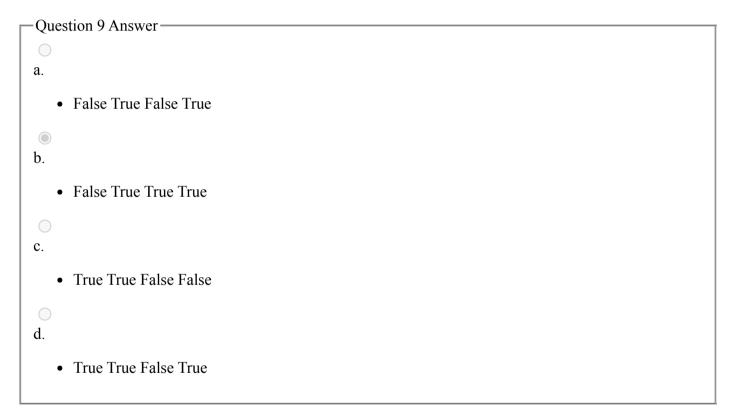
◉ a.

4

○ b.

10

○ c.

1

○

d.

6

## Question 9

Complete
Marked 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 9 Answer

○

a.

- False True False True

◉

b.

- False True True True

○

c.

- True True False False

○

d.

- True True False True

## Question 10

Complete
Marked out of 1.00
Flag question

**Question text**

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

○

a.

**var11**

○

b.

**_var**

◉

c.

**5var**

○

d.

**var_name**

## 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.

50

◉

b.

79

○ c.

7

○ d.

31

## Question 12

Complete
Marked out of 1.00
Flag question

**Question text**

## What is the output of the following code: print 11//2?
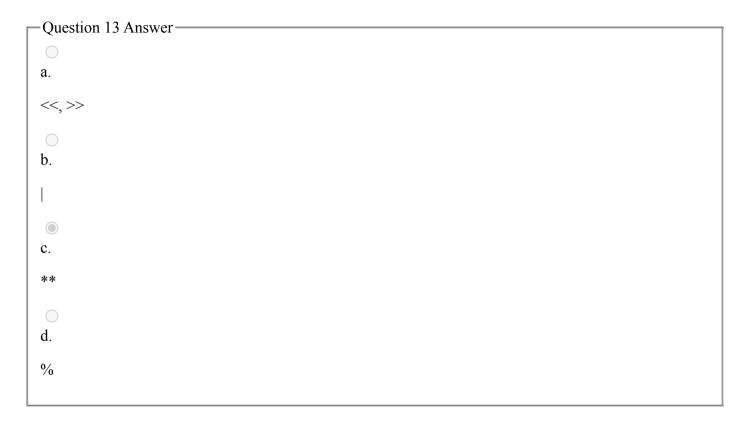
Question 12 Answer

○ a.

5.0

◉ b.

5

○ c.

Error

○ d.

5.5

## Question 13

Complete
Marked out of 1.00
Flag question

**Question text**

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

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

Question 13 Answer

○ a.

<<, >>

○ b.

|

◉ c.

**

○ d.

%

## Question 14

Complete
Marked 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)**

○ a.

**True**
**False**
**False**

○ b.

**False**
**False**
**True**

◉ c.

**True**
**False**
**True**

○ d.

**True**
**True**
**True**

## Question 15

Complete
Marked 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

4.00

○

b.

4

4

◉

c.

4.0

4

○

d.

4.0

4.0

Finish review