


# CS23336-Introduction to Python Programming

<b>Started on</b>	Wednesday, 7 August 2024, 1:47 PM
<b>State</b>	Finished
<b>Completed on</b>	Wednesday, 7 August 2024, 2:11 PM
<b>Time taken</b>	24 mins 10 secs

## Question 1

Complete

Marked out of 1.00

 [Flag question](#)

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

```
x = 1j
```

```
#display x:
```

```
print(x)
```

```
#display the data type of x:
```

```
print(type(x))
```

- ☐ a. **1j.0**  
**<class 'float'>**
- ☐ b. **1j**  
**<class 'object'>**
- ☒ c. **1j**  
**<class 'complex'>**
- ☐ d. **1**  
**<class 'int'>**

## Question 2

Complete

Marked out of 1.00

What will be the value of x in the following Python expression, if the result of that expression is 2?

`x>>2`

- ☐ a. 4
- ☐ b. 1
- ☐ c. 2
- ☒ d. 8

Question **3**

Complete

Marked out of 1.00

🚩 [Flag question](#)

What is the output of the following expression?

`z=2`

`z**=3`

`print(z)`

- ☐ a. Error
- ☒ b. 8
- ☐ c. 0
- ☐ d. 3

Question **4**

Complete

Marked out of 1.00

🚩 [Flag question](#)

What is the output of the following code

```
x = 5
```

```
y = 3
```


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

- ☐ a. True
- ☐ b. 5==3
- ☒ c. False
- ☐ d. Error

Question **5**

Complete

Marked out of 1.00

 [Flag question](#)


What is the two's complement of -44?

- ☐ a. 10110011
- ☐ b. 1011011
- ☒ c. 11010100
- ☐ d. 11101011

Question **6**

Complete

Marked out of 1.00

 [Flag question](#)

Which of the following is an Arithmetic operator in Python?

1. // (floor division) operator


2. & (binary and) operator
3. ~ (navigation) operator
4. >> (right shift) operator

- ☐ a. 4
- ☐ b. 2
- ☐ c. 3
- ☒ d. 1

Question **7**

Complete

Marked out of 1.00

 [Flag question](#)

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

1. **Multiplication**
2. **Division**
3. **Parentheses**
4. **Addition**
5. **Exponentiation**

- ☐ a. **3,1,2,4,5**
- ☐ b. **1,5,2,4,3**
- 3,1,2,4,5**
- ☐ c. **1,2,3,4,5**

☒ d. 3,5,1,2,4

Question **8**

Complete

Marked out of 1.00

[Flag question](#)

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

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

- ☒ a. `**`
- ☐ b. `%`
- ☐ c. `|`
- ☐ d. `<<, >>`

Question **9**

Complete

Marked out of 1.00

[Flag question](#)

What is the output of the following code

```
x = ["apple", "banana", "cherry"]
```

```
#display the data type of x:
```


```
print(type(x))
```

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

Question **10**

Complete

Marked out of 1.00

 [Flag question](#)

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

- ☐ a. -23679
- ☒ b. 12273
- ☐ c. -24568
- ☐ d. 12493

Question **11**

Complete

Marked out of 1.00

**Which of the following statements assigns the value 35 to the variable x in Python:**

- ☐ a. `int x = 35`
- ☐ b. `x := 35`
- ☒ c. `x = 35`
- ☐ d. `x ← 35`

Question **12**

Complete

Marked out of 1.00

🚩 [Flag question](#)

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

```
x = 4
```

```
y = 10
```

```
print(x % y)
```

- ☐ a. 6

- ☒ b. 4
- ☐ c. 1
- ☐ d. 10

Question **13**

Complete

Marked out of 1.00

[Flag question](#)

What is the output of the following code

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

- ☐ a. 64  
4
- ☐ b. 64  
8  
4
- ☐ c. 0  
64
- ☒ d. 64  
0

Question **14**

Complete

Marked out of 1.00

[Flag question](#)

State the output of the following code.

```
num1 = '10'
```




```
num2 = '20'  
sum = num1 + num2  
print(sum)
```

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

Question **15**

Complete

Marked out of 1.00

 [Flag question](#)

What is the output of the following code

```
print(bool(0), bool(3.14159), bool(-3), bool(1.0+1j))
```

- ☒ a.
  - False True True True
- ☐ b.
  - False True False True
- ☐ c.
  - True True False True
- ☐ d.
  - True True False False

Finish review