


# CS23336-Introduction to Python Programming

<b>Started on</b>	Wednesday, 7 August 2024, 2:07 PM
<b>State</b>	Finished
<b>Completed on</b>	Wednesday, 7 August 2024, 2:19 PM
<b>Time taken</b>	12 mins 1 sec

## Question 1

Complete

Marked out of 1.00

 [Flag question](#)

What is the value of the expression

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


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

- ☒ a. 4.0  
4
- ☐ b. 4.0  
4.00
- ☐ c. 4.0  
4.0
- ☐ d. 4  
4

## Question 2

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

Question **3**

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 'complex'>**
- ☒ b. **<class 'list'>**


☐ c. `<class 'float'>`

☐ d. `<class 'int'>`

Question **4**

Complete

Marked out of 1.00

 [Flag question](#)

**What will be the output of the following statement?**


**`print(15 + 20 / 5 + 3 * 2 - 1)`**

- ☐ a. 19
- ☒ b. 24.0
- ☐ c. 19.0
- ☐ d. 12

Question **5**

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. **lj**  
**<class 'complex'>**
- ☐ b. **l**  
**<class 'int'>**
- ☐ c. **lj**  
**<class 'object'>**
- ☐ d. **lj.0**  
**<class 'float'>**

Question **6**

Complete

Marked out of 1.00

 [Flag question](#)

**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**  
**True**
- ☐ b. **False**  
**False**  
**True**

☒ c. **True**  
**False**  
**False**

☐ d. **True**  
**True**  
**True**

Question **7**

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

Question **8**

Complete

Marked out of 1.00

[Flag question](#)

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

- `a` and `b` are \_\_\_\_\_

- $a + 6 - c - d$  is \_\_\_\_\_

- ☐ a. terms, a group
- ☐ b. operands, an equation
- ☒ c. operands, an expression
- ☐ d. operators, a statement

Question **9**

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. 2
- ☒ b. 1
- ☐ c. 4
- ☐ d. 3

Question **10**

Complete

Marked out of 1.00

[Flag question](#)

**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 **11**

Complete

Marked out of 1.00

 [Flag question](#)

Which of the following type of Python operator will only print True or False in output when we use it in our program?

☐ a. Comparison Operator

☐ b. Arithmetic Operator


☒ c. Assignment Operator

☐ d. Membership Operator

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. 1
- ☐ b. 6
- ☒ c. 4
- ☐ d. 10

Question **13**

Complete

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 [Flag question](#)

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

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

- ☐ 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

Question **14**

Complete

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[Flag question](#)

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

☐ a. 50

☐ b. 31

☐ c. 7

☒ d. 79

Question **15**

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

Finish review