

# CS23336-Introduction to Python Programming

**Started on** Wednesday, 7 August 2024, 1:52 PM

**State** Finished


**Completed on** Wednesday, 7 August 2024, 2:02 PM

**Time taken** 10 mins 19 secs

## Question 1

Complete

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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.

False True True True

☐

b.

False True False True

☐

c.

True True False True

☐


d.

True True False False

## Question 2

Complete

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Flag question

### Question text

What will be the output of the following statement?

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

Question 2 Answer

☒

a.

24.0

☐

b.

19.0

☐

c.

19

☐


d.

12

### Question 3

Complete

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 Flag question

#### Question text

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

Question 3 Answer

☐

a.

Arithmetic Operator

☒

b.

Comparison Operator

☐

c.

Assignment Operator

☐


d.

Membership Operator

### Question 4

Complete

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 Flag question

#### Question text

What is the output of the following code

```
x = 5
```

```
y = 3
```

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

Question 4 Answer

☐

a.

5==3

☒

b.

False

☐

c.

Error

☐


d.

True

## Question 5

Complete

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 Flag question

### Question text

**What is the output of the following expression?**

```
z=2
```

```
z**=3
```

```
print(z)
```

Question 5 Answer

☒

a.

8

☐

b.

Error

☐

c.

0

☐


d.

3

## Question 6

Complete

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 Flag question

### Question text

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

Question 6 Answer

☐

a.

79

☐

b.

7

☒

c.

50

☐


d.

31

## Question 7

Complete

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 Flag question

### Question text

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

Question 7 Answer

☐

a.

**var11**

☐

b.

**var\_name**

☒

c.

**5var**

☐


d.

**\_var**

## Question 8

Complete

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 Flag question

### Question text

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

- a and b are \_\_\_\_\_
- `a + 6 - c-d` is \_\_\_\_\_

Question 8 Answer

#### Question 8 Answer

☐

a.

terms, a group

☒

b.

operands, an expression

☐

c.

operators, a statement

☐


d.

operands, an equation

### Question 9

Complete

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 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.

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

☒

b.

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

☐

c.

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

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

☐

d.

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

## Question 10

Complete

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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 10 Answer

☐

a.

3

☐

b.

4

☒

c.

1

☐

d.

2

## Question 11

Complete

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Flag question

### Question text

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

Question 11 Answer

☐

a.

16

☒

b.

65536

☐  
c.


256

☐  
d.

32768

## Question 12

Complete  
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 Flag question

### Question text

What is the value of the expression

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

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

Question 12 Answer

☐  
a.

4.0

4.00

☐  
b.

4.0

4.0

☐  
c.

4

4


☒  
d.

4.0

4

## Question 13

Complete  
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 Flag question

### Question text

What is the output of the following code

```
x = 4
```

```
    y = 10
```

**print(x % y)**

Question 13 Answer

- ☐ a.  
6
- ☒ b.  
4
- ☐ c.  
10
- ☐ d.  
1

## Question 14

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 14 Answer


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



## Question 15

Complete

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 Flag question

### Question text

What is the output of the following code

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

Question 15 Answer

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

Finish review

[Skip Quiz navigation](#)

### Quiz navigation

[Question 1 This page](#) [Question 2 This page](#) [Question 3 This page](#) [Question 4 This page](#) [Question 5 This page](#) [Question 6 This page](#) [Question 7 This page](#) [Question 8 This page](#) [Question 9 This page](#) [Question 10 This page](#) [Question 11 This page](#) [Question 12 This page](#) [Question 13 This page](#) [Question 14 This page](#) [Question 15 This page](#)

[Show one page at a time](#) Finish review