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REC-OCATS-1

# CS23336-Introduction to Python Programming

**Started on** Wednesday, 7 August 2024, 2:32 PM

**State** Finished

**Completed on** Wednesday, 7 August 2024, 2:52 PM

**Time taken** 20 mins

## Question 1

Complete

Marked out of 1.00



Flag question

### Question text

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

Question 1 Answer

☐

a.

**\_var**

☒

b.

**5var**

☐

c.

**var\_name**

☐

d.

**var11**

## Question 2

Complete

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Flag question

### Question text

What is the output of the following assignment operator?

```
y = 10
```

```
x = y += 2
```

```
print(x)
```

Question 2 Answer

☐

a.

12

☒

b.

Syntax Error

☐

c.

10

☐


d.

14

### Question 3

Complete

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 Flag question

#### Question text

What is the two's complement of -44?

Question 3 Answer

☐

a.

11101011

☒

b.

11010100

☐

c.

10110011

☐


d.

1011011

### Question 4

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 4 Answer

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

## Question 5

Complete

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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 5 Answer

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

## Question 6

Complete

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 Flag question

### Question text

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

Question 6 Answer

☐

a.

12493

☒

b.

12273

☐

c.

-24568

☐


d.

-23679

## Question 7

Complete

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 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 7 Answer

☐

a.

**True**

**True**

**True**

☐

b.

**True**

**False**  
**False**

☐  
c.


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

☒  
d.

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

## Question 8

Complete  
Marked out of 1.00

 Flag question

### Question text

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

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

Question 8 Answer

☒  
a.

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

☐  
b.

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

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

☐  
c.

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



d.

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

## Question 9

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 9 Answer



a.

- False True True True



b.

- True True False True



c.

- True True False False



d.

- False True False True

## Question 10

Complete

Marked out of 1.00



Flag question

### Question text

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

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

Question 10 Answer



a.

%



b.

|




c.

\*\*

- ☐ d.
- <<, >>

Question 11

Complete  
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 Flag question

Question text

What is the value of the expression

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

Question 11 Answer

☐

a.

4

4

☐

b.

4.0

4.00

☐

c.

4.0

4.0


☒

d.

4.0

4

Question 12

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 12 Answer

☐

a.

Arithmetic Operator

☒

b.

Comparison Operator



c.

Assignment Operator



d.

Membership Operator

### Question 13

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 13 Answer



a.

False



b.

True



c.

5==3



d.

Error

### Question 14

Complete

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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 14 Answer



a.

**<class 'complex'>**



b.

**<class 'float'>**



c.

**<class 'int'>**



d.

**<class 'list'>**

## Question 15

Complete

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Flag question

### Question text

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

**z=2**

**z\*\*=3**

**print(z)**

Question 15 Answer



a.

3



b.

Error



c.

0



d.

8

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