

Python Output Type

A computer science portal for geeks

Question 1

WRONG

What is the output of the following program :

```
def myfunc(a):  
    a = a + 2  
    a = a * 2  
    return a  
  
print myfunc(2)
```

[Run on IDE](#)

8

B 16

Indentation Error

D Runtime Error

Python Output Type

Discuss it

Question 1 Explanation:

Python creates blocks of code based on the indentation of the code. Thus, new indent defines a new scope.

Question 2

WRONG

What is the output of the expression : $3*1**3$

A 27

9

3

1



D

Python Output Type
Discuss it**Question 2 Explanation:**

Precedence of ** is higher than that of 3, thus first 1**3 will be executed and the result will be multiplied by 3.

Question 3 **WRONG**

What is the output of the following program :

```
print '{0:.2}'.format(1.0 / 3)
```

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A 0.333333

0.33

C 0.333333:-2

Error

Python Output Type
Discuss it**Question 3 Explanation:**

.2 defines the precision of the floating point number.

Question 4 **WRONG**

What is the output of the following program :

```
print '{0:-2%}'.format(1.0 / 3)
```

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0.33



- B 0.33%
- 33.33%
- D 33%

Python Output Type
Discuss it

Question 4 Explanation:

The % converts the 0.33 to percentage with respect to 1.0

Question 5 **WRONG**

What is the output of the following program :

```
i = 0
while i < 3:
    print i
    i += 1
else:
    print 0
```

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- 0 1 2 3 0
- 0 1 2 0
- C 0 1 2
- D Error

Python Output Type
Discuss it

Question 5 Explanation:

The else part is executed when the condition in the while statement is false.

Question 6 **CORRECT**

What is the output of the following program :

```
i = 0
while i < 5:
    print(i)
    i += 1
    if i == 3:
        break
else:
    print(0)
```

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- A 0 1 2 0
- B 0 1 2
- C Error
- D None of the above

Python Output Type
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Question 6 Explanation:

The else part is not executed if control breaks out of the loop.

Question 7 **CORRECT**

What is the output of the following program :

```
print 'cd'.partition('cd')
```

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- A ('cd')
- B (")
- C ('cd', ", ")
- D ("', 'cd', ")

Python Output Type
Discuss it

Question 7 Explanation:

The entire string has been passed as the separator hence the first and the last item of the tuple returned are null strings.

Question 8**CORRECT**

What is the output of the following program :

```
print 'abef'.partition('cd')
```

[Run on IDE](#)

- A ('abef')
- B ('abef', 'cd', '')
- C ('abef', '', '')
- D Error

Python Output Type
Discuss it

Question 8 Explanation:

The separator is not present in the string hence the second and the third elements of the tuple are null strings.

Question 9**WRONG**

What is the output of the following program :

```
print 'abcefd'.replace('cd', '12')
```

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ab1ef2

abcefd



- C ab1efd
- D ab12ed2

Python Output Type

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Question 9 Explanation:

The first substring is not present in the given string and hence nothing is replaced.

Question 10 WRONG

What will be displayed by the following code?

```
def f(value, values):  
    v = 1  
    values[0] = 44  
    t = 3  
    v = [1, 2, 3]  
    f(t, v)  
    print(t, v[0])
```

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1 1

B 1 44

C 3 1

3 44

Python Output Type

Discuss it

Question 10 Explanation:

The value of t=3 is passed in function f(value,values) , v [list] is passed as values in the same function. The v is stored in values and values[0]=44 , changes the value at index[0] in the list hence v=[44,2,3].

You have completed 10/11 questions .
Your accuracy is 30%.

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