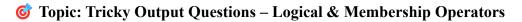
Day 2/30 – Python Interview Prep Series



1)print(0 and 1 or 2 and 3)
OUTPUT:
3
2)print(not 0 or not 1)
OUTPUT:
True
3)print('a' in 'apple' and 'e' in 'tree')
OUTPUT:
True
4)print('py' in 'python' and 'on' in 'python')
OUTPUT:
True
5)print(5 and [] or "Done")
OUTPUT:
Done
6)print(' ' in 'hello world')
OUTPUT:
True
7)x = 'a'
print(x in ['A', 'a', 'b'])
OUTPUT:

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True
8)print(not (" in 'hello'))
OUTPUT:
False
9)print(0 or [] or {} or None or "Python")
OUTPUT:
Python
10)print(not True and not False or False)
OUTPUT:
False
11)print('o' not in 'hello' or 'z' not in 'zebra')
OUTPUT:
False
12)print("on" in "python" and "py" not in "python")
OUTPUT:
False
13)x = []
print(x in [[], (), {}])
OUTPUT:
True
14)print([] == [] and [] is [])
OUTPUT:
False
```

15)print('a' in ['apple', 'banana', 'grapes']) **OUTPUT:** False Day 2/30 – Python Interview Prep Series **Topic:** Tricky Output-Based Questions on Operators ⚠ No Bitwise Questions Included 1)print(10 + 3 * 2) **OUTPUT:** 16 2)print(10 / 3) print(10 // 3) **OUTPUT:** 3.333333333333333 3 3)x = 5x += 3

print(x)

OUTPUT:

8

4)a = [1, 2, 3]

b = [1, 2, 3]

print(a == b)

print(a is b)
OUTPUT:
True
False
5)print(True and False or True)
OUTPUT:
True
6)x = 0
y = 5
print(x and y)
print(x or y)
OUTPUT:
0
5
7)print(not (True and False))
OUTPUT:
True
8)x = [1, 2]
y = x
print(x is y)
y.append(3)
print(x)
OUTPUT:
True
[1, 2, 3]

9)print(5 < 6 > 4) **OUTPUT:** True 10)a = "Python" b = "Python" print(a == b) print(a is b) **OUTPUT:** True True 11)x = 10 y = 10.0print(x == y)print(x is y) OUTPUT: True False 12)a = [] b = [] print(a is b)

print(a == b)

OUTPUT:

False

13)print("10" + "5") print(int("10") + int("5"))

OUTPUT:

105

15

14)print("True" == True)

OUTPUT:

False

15)print(0 or 1 and 0)

OUTPUT:

0