What will be the output of the following Python code?

**for** i **in** range(int(2.0)):

   print(i)

A

0.0 1.0

B

0 1

C

Error

D

0

1

What will be the output of the following Python code?

x = 'abcd'

**for** i **in** range(len(x)):

print(i, end= " ")

* A

1 2 3 4

* B

0 1 2 3

* C

Error

* D

No output

What is the output of the following code?

i = 1

**while** **True**:

**if** i%7 == 0:

**break**

print(i, end=" ")

i += 1

* A

1 2 3 4 5 6

* B

1 2 3 4 5 6 7

* C

No output

* D

Error

What is the value of x?

x = 0

while (x < 100):

    x+=2

print(x)

* A

101

* B

99

* C

98

* D

100

What is the output of the following nested loop?

**for** num **in** range(10, 14):

**for** i **in** range(2, num):

**if** num%i == 1:

              print(num)

**break**

* A

10

11

12

13

* B

12

14

* C

Error

* D

No output

What is the value of the var after the for loop completes its execution?

var = 10

**for** i **in** range(10):

**for** j **in** range(2,10,1):

**if** var % 2 == 0:

**continue**

**else**:

var += 1

print(var)

* A

20

* B

10

* C

30

* D

14

What is the output of the following nested loop?

n = [10, 20]

li = ["Chair", "Table"]

**for** x **in** n:

**for** y **in** li:

      print(x, y)

* A

 10 Chair

 10 Table

* B

10 Chair

10 Table

20 Chair

20 Table

* C

Error

* D

No output

What is the output of the following code :

li = ['a', 'b', 'c', 'd']

print("".join(li))

* A

Error

* B

None

* C

abcd

* D

[‘a’,’b’,’c’,’d’]

What is the output of the following program :

y = 8

z = **lambda** x : x \* y

print(z(6))

* A

48

* B

14

* C

64

* D

None of the above

What is the output of the following program :

**def** func(a, b=[]):

b.append(a)

**return** b

print(func(1))

print(func(2))

* A

[1]  
[2]

* B

[1]  
[1, 2]

* C

[1]  
[1]

* D

None of the above

Find the output of the following program:

nameList = ['Harsh', 'Pratik', 'Bob', 'Dhruv']

pos = nameList.index("GeeksforGeeks")

print (pos \* 3)

* A

GeeksforGeeks GeeksforGeeks GeeksforGeeks

* B

Harsh

* C

Harsh Harsh Harsh

* D

ValueError: \'GeeksforGeeks\' is not in list

Find the output of the following program:

li = ['a', 'b', 'c', 'd', 'e']

print(li[10:] )

* A

[\'a\', \'b\', \'c\', \'d\', \'e\']

* B

[ \'c\', \'d\', \'e\']

* C

[ ]

* D

[\'a\', \'b\']

Find the output of the following program:

a = [1, 2, 3, 4]

b = a

c = a.copy()

d = a

a[0] = [5]

print(a, b, c, d)

* A

[5, 2, 3, 4] [5, 2, 3, 4] [1, 2, 3, 4] [1, 2, 3, 4]

* B

[[5], 2, 3, 4] [[5], 2, 3, 4] [[5], 2, 3, 4] [1, 2, 3, 4]

* C

[5, 2, 3, 4] [5, 2, 3, 4] [5, 2, 3, 4] [1, 2, 3, 4]

* D

[[5], 2, 3, 4] [[5], 2, 3, 4] [1, 2, 3, 4] [[5], 2, 3, 4]

Find the output of the following program:

a = [x **for** x **in** (x **for** x **in** 'Geeks 22966 for Geeks' **if** x.isdigit()) **if**

(x **in** ([x **for** x **in** range(20)]))]

print(a)

* A

[2, 2, 9, 6, 6]

* B

[ ]

* C

Compilation error

* D

Runtime error

Find the output of the following program:

a = ['Geeks', 'for', 'Geeks']

b = [i[0].upper() **for** i **in** a]

print(b)

* A

[‘G’, ‘F’, ‘G’]

* B

[‘GEEKS’, ‘FOR’, ‘GEEKS’]

* C

[‘GEEKS’]

* D

Compilation error

Find the output of the following program:

li = ['Harsh', 'Pratik', 'Bob', 'Dhruv']

print (li[1][-1])

* A

r

* B

b

* C

D

* D

k

What will be the output of the following code?

d = {'a': 5, 'b': 10}

d['a'] = 15

print(d)

* A

{'a': 5, 'b': 10}

* B

{'a': 15, 'b': 10}

* C

Error

* D

{'a': 15}

How do you copy the content of one file to another in Python?

* A

copy\_file()

* B

file.copy()

* C

shutil.copyfile()

* D

copy\_to()

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Generate a file using Dictionary approach or read a file that you already have it, then:

1. Add a new column to it (use any math equation you like)
2. Add another column use “low” or “high” in this 2nd new column based on another column,
3. Use “groupby” for the new 2nd column and find min values of another column for it
4. Save this file as temp1 in same directory you writing your codes.