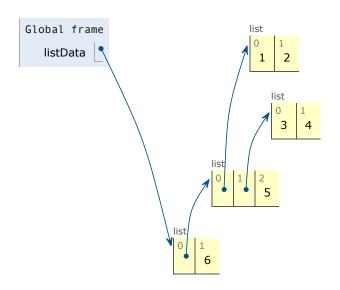


CIND830 Python Programming for Data Science Lab 5 - Questions

1 Lists

Given the following structure, match each code on the left with its correct output on the right.

listData = [[[1, 2], [3, 4], 5], 6, [5, [4, 3], [2, 1]]]



Code1.listData[1]:6

Code2. listData[0 : 1][[[1,2],[3,4],5]]

Code3. listData[0][1][3,4]

Code4. listData[1]+listData[0][2]11

Code5. listData[0][0]+listData[0][1][1,2,3,4]

Code6. listData[0][1][0]*listData[0][1]

[3,4,3,4,3,4]

Output1. [3, 4]

Output2. [3, 4, 3, 4, 3, 4]

Output3. [[[1, 2], [3, 4], 5]]

Output4. [1, 2, 3, 4]

Output5. 6

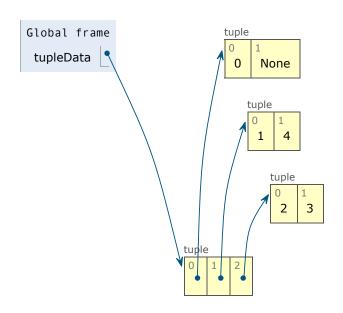
Output6. 11



2 Tuples

Given the following structure, match each code on the left with its correct output on the right.

tupleData = ((0, None), (1, 4), (2, 3))



Code1. max(tupleData[1])4 Output1. 3

Code2.min(tupleData)(0,None) Output2. 4

Code3. sum(tupleData[1])5 Output3. False

Code4.len(tupleData)3 Output4. (0, None)

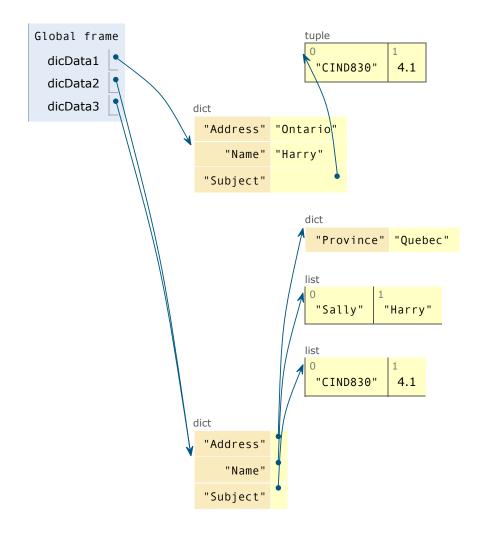
Code5. any(tupleData[0])True Output5. True

Code6. all(tupleData)False Output6. 5



3 Dictionaries

Given the following structure, match each code on the left with its correct output on the right.





CIND830 - Lab 5 - Questions

This is the end of lab 5 Tamer Abdou, PhD

<pre>Code1.dict2['Name'] ['Sally','Harry']</pre>	Output1.	('Address', 'Ontario')
<pre>Code2.dict3.get('Province')None</pre>	Output2.	TypeError
Code3.list(dict1.items())[0]	Output3.	['Sally', 'Harry']
('Address' , 'Ontario')	Output4.	5
Code4.len(dict1['Name'])5	Output5.	None
<pre>Code5. dict1['Subject'] is dict3['Subject'] False</pre>	Output6.	False
Code6.dict3['Address']+ dict1['Address']		This is the end of lab 5