1. Write a Python program to Extract Unique values dictionary values?

dict = {

"a" : [1,2,3,4],

"b" : [1,2,5,6]

}

common\_list = []

for i in dict:

for j in dict[i]:

if j not in common\_list:

common\_list.append(j)

print(common\_list)

>>> [1, 2, 3, 4, 5, 6]

1. Write a Python program to find the sum of all items in a dictionary?

dict = {

"a" : 1,

"b" : 2

}

sum = 0

for i in dict:

sum += dict[i]

print(sum)

>>>3

1. Write a Python program to Merging two Dictionaries?

dict1 = {'a': 10, 'b': 8}

dict2 = {'d': 6, 'c': 4}

val = dict2.update(dict1)

print(dict2)

>>>{'d': 6, 'c': 4, 'a': 10, 'b': 8}

1. Write a Python program to convert key-values list to flat dictionary?

test\_dict = {'id' : [1, 2, 3],

'name' : ['aniket', 'omkar', 'sumant']}

res = zip(test\_dict['id'], test\_dict['name'])

print(dict(res))

>>> {1: 'aniket', 2: 'omkar', 3: 'sumant'}

1. Write a Python program to insert at the beginning in OrderedDict?

from collections import OrderedDict

new\_dict = OrderedDict([('aniket', 1), ('omkar', 2)])

new\_dict.update({'sumant': 3})

new\_dict.move\_to\_end('sumant', last = False)

print(new\_dict)

>>>OrderedDict([('sumant', 3), ('aniket', 1), ('omkar', 2)])

1. Write a Python program to check order of character in string using OrderedDict()?

from collections import OrderedDict

def checkOrder(string, pattern):

dict = OrderedDict.fromkeys(string)

ptr = 0

for key,value in dict.items():

if (key == pattern[ptr]):

ptr = ptr + 1

if (ptr == (len(pattern))):

return 'True'

return 'False'

string = 'Aniket Gaikwad'

pattern = 'Ani'

print(checkOrder(string,pattern))

1. Write a Python program to sort Python Dictionaries by Key or Value?

key\_value ={

1 : 2,

3 : 7,

2 : 5,

5 : 9,

4 : 6

}

def sort\_dict(key\_value):

for i in sorted (key\_value) :

print ((i, key\_value[i]), end =" ")

sort\_dict(key\_value)

>>>(1, 2) (2, 5) (3, 7) (4, 6) (5, 9)