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

my\_dict = {"full" : [0, 2, 3, 5],

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

"data" :[6, 7, 8, 9],

"Science": [1, 9, 2, 8],

"course" : [5, 6, 4, 3]

}

res = []

for i in my\_dict:

for j in my\_dict[i]:

if j not in res:

res.append(j)

print("Unique value are : ", res)

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

my\_dict = {"full" : 200,

"stack" : 100,

"data" : 300,

"Science": 50,

"course" : 150

}

add = 0

for i in my\_dict:

add = add + my\_dict[i]

print(add)

1. Write a Python program to Merging two Dictionaries?

dict1 = {'a': 10, 'b': 8, 'c' : 9}

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

dict1.update(dict2)

print(dict1)

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

dict1 = {"Months" : [1, 2, 3],

"Name" : ["Jan", "Feb", "March"]

}

lst = list(dict1.values())

a = lst[0]

b = lst[1]

d = dict()

for i in range(0, len(a)):

d[a[i]] = b[i]

print(d)

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

from collections import OrderedDict

dic1 = OrderedDict([('A', '100'), ('B', '200'), ('C', '300')])

print(dic1)

dic1.update({"D": '400'})

dic1.move\_to\_end("D", last=False)

print ("Resultant Dictionary :")

print(dic1)

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

from collections import OrderedDict

def check\_order(my\_input, my\_pattern):

my\_dict = OrderedDict.fromkeys(my\_input)

pattern\_length = 0

for key,value in my\_dict.items():

if (key == my\_pattern[pattern\_length]):

pattern\_length = pattern\_length + 1

if (pattern\_length == (len(my\_pattern))):

return 'The order of pattern is correct'

return 'The order of pattern is incorrect'

my\_input = 'Assignment of ineuron'

input\_pattern = 'nme'

print("The string is ")

print(my\_input)

print("The input pattern is ")

print(input\_pattern)

print(check\_order(my\_input,input\_pattern))

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

# Creates a sorted dictionary (sorted by key)

from collections import OrderedDict

dict = {'ravi': '10',

'rajnish': '9',

'sanjeev': '15',

'yash': '2',

'suraj': '32',

'gulshan': '13'}

dict1 = OrderedDict(sorted(dict.items()))

print(dict1)