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

d1 = {'a': 1, 'b': 2,'c':1}

as1=set(d1.values())

as1

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

def sum\_ret(sum\_dict) :

sum = 0

for i in sum\_dict :

sum = sum + sum\_dict[i]

return sum

sum\_ret({'a': 10 , 'b': 20 , 'c': 30})

o\p - 60

1. Write a Python program to Merging two Dictionaries?

d1 = {'a':1,'b':2}

d2 = {'c':3,'d':4}

d1.update(d2)

print (d1)

o\p - {'a': 1, 'b': 2, 'c': 3, 'd': 4}

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

l1 = [1,2,3]

l2 = ['a','b','c']

a1 = {}

for l1 , l2 in zip(l1 , l2):

a1[l2] = l1

print(a1)

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

from collections import OrderedDict

in\_dict = OrderedDict([('shiv', '1'), ('ram', '2')])

in\_dict.update({'appu':'3'})

in\_dict.move\_to\_end('appu', last = False)

print ("Result : "+str(in\_dict))

o\p - Result : OrderedDict([('appu', '3'), ('shiv', '1'), ('ram', '2')])

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 = 'Hi Ram'

input\_pattern = 'Ra'

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?

d = {'a' : 4, 'b' : 6, 'c' : 3}

s\_value = sorted(d.values())

print(s\_value)

o\p - [3, 4, 6]