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

**Ans:**

dict={"a":1, "b":2, "c":3, "d":2, "e":1}

unique\_values=[]

for i in dict.values():

if i not in unique\_values:

unique\_values.append(i)

print(unique\_values)

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

**Ans:**

dict={"a":1, "b":2, "c":3, "d":2, "e":1}

sum=0

for i in dict.values():

sum+=i

print(sum)

1. Write a Python program to Merging two Dictionaries?

**Ans:**

dict1={"a":1, "b":2, "c":3, "d":2, "e":1}

dict2={"a":1, "d":2, "f":5, "g":7, "l":9}

dict1.update(dict2)

print(dict1)

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

**Ans:**

dict1 = {'month' : [1, 2, 3],

'name' : ['Jan', 'Feb', 'March']}

dict2 = dict(zip(dict1['month'], dict1['name']))

print(dict2)

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

**Ans:**

from collections import OrderedDict

ordered\_dict=OrderedDict([("2","Feb"),("3","Mar")])

ordered\_dict.update({"1" :"Jan"})

ordered\_dict.move\_to\_end("1", last=False)

print(ordered\_dict)

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

**Ans:**

from collections import OrderedDict

value="Hello, how are you?"

pattern="ow"

dictionary=OrderedDict.fromkeys(value)

pattern\_length=0

for key,value in dictionary.items():

if key==pattern[pattern\_length]:

pattern\_length=pattern\_length+1

if pattern\_length==len(pattern):

print("the order of pattern is correct")

break

else: print("the order of pattern is incorrect")

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

**Ans:**

dictionary={"2":"56","1":"2", "5":"12", "4":"24", "6":"18", "3":"323"}

## sorting keys

for i in sorted(dictionary.keys()):

print(i)

## sorting values

for i in sorted(dictionary.values()):

print(i)