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

d={'abc':[1,2,3,4], 'def':[5,6,7],'ghi':[1,3,6],'jkl':[5,1,6]}

print(“Original Dictionay: “,d)

result=list(sorted({i for val in d.values() for i in val}))

result

1. Write a Python program to find the sum of all items in a dictionary?  
   def sod(d):

l=[]

for i in d: l.append(d[i])

final=sum(l)

return final

d={1:9, 2:10, 3:7}

res=sod(d)

print(res)

1. Write a Python program to Merging two Dictionaries?  
   d1={1:2,2:3,3:4}  
   d2={4:5,5:6,6:7}  
   d2.update(d1)  
   print(“Dictionary after merging: “, d2)
2. Write a Python program to convert key-values list to flat dictionary?  
   d1={'a':[1,2,3,4], 'b':[5,6,7,8]}

d=dict(zip(d1['a'],d1['b']))

d

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

d=OrderedDict([('a',1),('b',2),('c',2)])

d.update({'d':4})

d.move\_to\_end('d', last=False)

d

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

def check\_order(i,p):

d=OrderedDict.fromkeys(i)

p\_length=0

for key,value in d.items():

if(key==p[p\_length]):

p\_length=p\_length+1

if(p\_length==(len(p))):

return 'The Order of pattern is incorrect'

i='This is python programming.'

p='on'

print(check\_order(i,p))

1. Write a Python program to sort Python Dictionaries by Key or Value?  
   d={'d': 4, 'a':1, 'e':5, 'c':3, 'b':2}

for key in sorted(d):

print("%s:%s"%(key,d[key]))