1. Write a Python program to Extract Unique values dictionary values?
2. Write a Python program to find the sum of all items in a dictionary?
3. Write a Python program to Merging two Dictionaries?
4. Write a Python program to convert key-values list to flat dictionary?
5. Write a Python program to insertion at the beginning in OrderedDict?
6. Write a Python program to check order of character in string using OrderedDict()?
7. Write a Python program to sort Python Dictionaries by Key or Value?

**Solution: 1**

d = {"a":1, "b":2, "c":2, "d":3, "e":4}

a = {i for i in d.values()}

print("Unique vlaues are " , a)

**Solution: 2**

d = {"a":1, "b":2, "c":2, "d":3, "e":4}

sum= 0

for i in d.values():

sum = sum+i

print(sum)

**Solution: 3**

d1 = {"a1":1, "b1":2, "c1":2, "d1":3, "e1":4}

d2 = {"a2":12, "b1":2, "c2":22, "d2":32, "e2":42}

res = {\*\*d1, \*\*d2}

res

**Solution: 4**

d = { "name": [ "Manjeet", "Nikhil", "Shambhavi", "Astha" ], "rollno ": [ 4, 1, 3, 2 ] }

res = dict(zip(d["name"], d["rollno "]))

res

**Solution: 5**

from collections import OrderedDict

d2 = {"a2":12, "b1":2, "c2":22, "d2":32, "e2":42}

ord\_dict = OrderedDict(d2)

ord\_dict.update({"a11":20})

ord\_dict.move\_to\_end("a11", last = False)

print(ord\_dict)

**Solution: 6**

from collections import OrderedDict

def check\_order\_of\_Characters(inputed\_string, pattern\_to\_be\_matched):

di = OrderedDict.fromkeys(inputed\_string)

plen = 0

for key, values in di.items():

if(key==pattern\_to\_be\_matched[plen]):

plen = plen + 1

if (plen == len(pattern\_to\_be\_matched)):

return 'True'

return 'False'

if \_\_name\_\_ == '\_\_main\_\_':

st = 'engineers rock'

pattern = 'er'

print(check\_order\_of\_Characters(st, pattern))

**Solution: 7**

d3 = {2: 56, 1:80, 4: 88, 3:90}

for i in sorted(d3.keys()):

print(i, end= " ")