

```
In [1]: port1_dict= {21:'FTP', 22:'SSH', 23:'telnet', 80:'http'}
port2_dict = dict([(value, key) for key, value in port1_dict.items()])
print("Original dictionary is : ")
print(port1_dict)
print()
print("Dictionary after swapping is : ")
print("keys:values")
for i in port2_dict:
    print(i, " : ", port2_dict[i])
```

Original dictionary is :
{21: 'FTP', 22: 'SSH', 23: 'telnet', 80: 'http'}

Dictionary after swapping is :
keys:values
FTP : 21
SSH : 22
telnet : 23
http : 80

```
In [2]: list1 = [(1, 2), (3,4), (5, 6)]
print("The original list : " + str(list1) )

res =[sum(x) for x in list1]

# printing result
print("The summation of all tuple elements are : " +str(res) )
```

The original list : [(1, 2), (3, 4), (5, 6)]
The summation of all tuple elements are : [3, 7, 11]

```
In [3]: tup = [(1, 2,3), (1,2),("a","hit","less")]

result = []

for t in tup:
    for x in t:
        result.append(x)

print(result)
```

[1, 2, 3, 1, 2, 'a', 'hit', 'less']

In []: