

PYTHON BASICS ASSIGNMENT 4

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- . Create two list and joint those two list

```
{x}
[] list_1=[1,2,3,4]
list_2=[5,6,7,8]
list_11=list_1 + list_2;
print(list_11);

[1, 2, 3, 4, 5, 6, 7, 8]
```

- . with if statement find the even number:

```
Q
[] num=[1,2,3,4,5,6,7,8]
a=[]
i=0
for s in num:
    if s%2==0:
        a.append(s)
print(a)




[2, 4, 6, 8]
```

- . Create a dictionary with 3 key and 2 values for each key:

```
Q
[] key='k1','k2','k3'
val=[[1,3],[4,5],[7,9]]
my_dic={}
for i in range(len(key)):
    my_dic[key[i]]=val[i]
print(my_dic)

{'k1': [1, 3], 'k2': [4, 5], 'k3': [7, 9]}
```

. Python function to sum all the number in a list:

```
[ ] def sum_list(num):  
    n = sum(num)  
    return n  
my_list=[8,2,3,0,7]  
n=sum_list(my_list)  
print(n)  
  
20  
  
[ ]  
  
[ ]
```