

KIRUTHIKA D

Task - 1 Create two list and join those two list

```
list_1=[0,1,2,3,4,5]
list_2=[6,7,9,14,15]
variable_list=list_1+list_2;
print(variable_list);
```

[0, 1, 2, 3, 4, 5, 6, 7, 9, 14, 15]

Task - 2 With If statement find the even numbers

```
number=[1,2,3,4,5,6,7,8,11,13,15]
result=[]
i=0
for num in number:
    if num%2 == 0:
        result.append(num);
print (result)
```

[2, 4, 6, 8]


Task - 3 Create a dictionary with 3 keys and 2 values for each key

```
keys=['key 1','key 2','key 3']
values=[[1,3], [3,6], [4,7]]
my_dic={keys[i] : values[i] for i in range(len(keys))}
print(my_dic)
```

{'key 1': [1, 3], 'key 2': [3, 6], 'key 3': [4, 7]}

Task - 4 Create a function with If statement whis is used to find the odd numbers

```
number=[1,4,5,10,11,12,13,14,15]
result=[]
i=0
for num in number:
    if num%2!=0:
        result.append(num);
print (result)
```

 [1, 5, 11, 13, 15]

Task - 5 Write a Python function to sum all the numbers in a list. Sample List : (8, 2, 3, 0, 7) Expected Output : 20

```
def sum_list(numbers):
    total = sum(numbers)
    return total
my_list = [8, 2, 3, 0, 7]
total = sum_list(my_list)
print(total)
```

20

