

Task-1:Create two lists and join those two lists

NAME:SUCHANTH B

```
list_1=[1,2,3,4,5]
list_2=[6,7,8,9,10,11]
variable_list=list_1+list_2
print(variable_list)

[1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11]
```

Task-2:With IF Statements find the even numbers

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

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

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

```
keys=['key1','key2','key3']
values=[[2,3],[5,6],[1,7]]
my_dic={keys[i] : values[i] for i in range(len(keys))}
print(my_dic)

{'key1': [2, 3], 'key2': [5, 6], 'key3': [1, 7]}
```

Task-4:Create a function with If statement which is used to find odd numbers

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

[1]
[1]
[1, 5]
[1, 5]
[1, 5, 11]
[1, 5, 11]
[1, 5, 11, 15]
```

Task-5:Write a Python function to sum all the numbers in the 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(my_list)
print(total)
```

