NM DATA ANALYSIS ASSIGNMENT 4

DONE BY Jacinth Susanna S

Task - 1 Create two list and join those two list

In [1]:
```python
hi = [9, 8,
bye = [2, 0,
```

jointed_lists hi   bye print
(jointed lists)

```
[9, 8, 1, 6, 5, 2, 0, 5, 5, 7]
```

Task - 2 With If statement find the even numbers

```python
numbers = [9, 8even numbers =for
num in numbers: if num % 2 == 0:
even_numbers . append (num) print
(even_numbers)
```

In   :

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

current status

   'Temperature'   ['23', 1 16'],

   'Humidity' :   1 50'],

 'Pollution' : ['100 ','200 ']

In [ ]:

print (current_status)

{ 'Temperature' :['23 ','16'] 'Humidity' : ['34 ',   '50 '] ,'Pollution ' : ['100 ',   '200 '] }

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

```
def find_odd_numbers(numbers) :
    odd numbers =for num
    in numbers:
        if num % 2 ! = e:
            odd_numbers . append (num)
    return odd numbers


numbers      4] odd nums
    find_odd_numbers(numbers) print
(odd_nums)
```

n [ ]:

Task - 5

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

n [ ]:
```
def sum_list(numbers):
```

list (numbers) :

```
    total - sum(numbers) return total input_str input ("Enter a list of
    numbers separated by Commas: ")user_input input_str. split( " , " )
    user  numbers  =  [int(num)  for  num  in  user_input]  result
    sum_list(user_numbers) print("Sum of the numbers: " result)
```

Enter a list of numbers separated by Commas:8,2,3,
Sum of the numbers: 20

ALL THIS ASSIGNMENT DONE BY RESHMA J