

```
1 def sum_numbers(numbers):
2     s = 0
3     for num in numbers:
4         s += num
5     return s
6 print("Sum: ",sum_numbers(numbers))
```

Sum: 20

Rohith. k

REGISTER NUMBER	911720104054
NM ID	686D53FD82FC94C88C24C2C3AEAD807E
TEAM ID	NM2023TMID06857
EMAIL ID	kvrohi2002@gmail.com
ASSIGNMENT - 4	

Task - 1 Create two lists and join those two lists

```
1 list1 = ["1", 2, "abc", 131, 67, "A113"]
2 list2 = ['a', 'b', "c", "d", 46]
3 list3 = list1 + list2
4 print(list3)
```

`['1', 2, 'abc', 131, 67, 'A113', 'a', 'b', 'c', 'd', 46]`

Task - 2 With IF statement find the even numbers

```
1 numbers = [0, 1, 2, 3, 4, 5, 6, 7, 8, 4564556]
2 print("Even numbers: ",end="")
3 for num in numbers:
4     if num % 2 == 0:
5         print(num, end = " ")
```

`Even numbers: 0 2 4 6 8 4564556`

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

```
1 dict1 = {
2     'numbers': [1, 2],
3     'letters': ('a','b'),
4     'symbols': {'@', "#"}
5 }
6 print(dict1)
```

`{'numbers': [1, 2], 'letters': ('a', 'b'), 'symbols': {'#', '@'}}`

Task - 4 Create a function with IF statement which is used to find the odd numbers

```
1 def oddnumbers(numbers):
2     print("Odd numbers: ",end="")
3     for num in numbers:
4         if num % 2 != 0:
5             print(num, end = " ")
6     oddnumbers([0, 1, 2, 3, 4, 5, 6, 7, 8])
```

`Odd numbers: 1 3 5 7`

Task - 5 Write a Python function to sum all the numbers in a list.

Sample List : (8, 2, 3, 0, 7) Expected Output : 20

```
1  def sum_numbers(numbers):  
2      s = 0  
3      for num in numbers:  
4          s += num  
5      return s  
6  print("Sum: ",sum_numbers([8, 2, 3, 0, 7]))
```

Sum: 20