

PYTHON ASSIGNMENT 3: Functions

PROBLEM STATEMENT

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

Sample List : (8, 2, 3, 0, 7)

Expected Output : 20

Explanation:

Summation should like $8+2+3+0+7 = 20$

CODE :

```
L=[8,3,2,0,7]
print("The given List is:", L)
sum_of_elements=0
for num in L:
    sum_of_elements += num
print("Sum of elements in the given list is:", sum_of_elements)
```

OUTPUT :

The given List is: [8, 3, 2, 0, 7]
Sum of elements in the given list is: 20

EXECUTION:

```
✓ [1] L=[8,3,2,0,7]
0s print("The given List is:", L)
    sum_of_elements=0
    for num in L:
        sum_of_elements += num
    print("Sum of elements in the given list is:", sum_of_elements)
```

The given List is: [8, 3, 2, 0, 7]
Sum of elements in the given list is: 20