

TASK-1**Creation and merging of two list.**

```
list1 = [0, 1, 2, 3, 4]
list2 = [5, 6, 7, 8]
joined_list = list1 + list2
print(joined_list)
```

[0, 1, 2, 3, 4, 5, 6, 7, 8]

TASK-2**Find even numbers with If Statements**

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

 [0, 2, 4, 6, 8]**TASK-3****Create dictionaries with 3 keys and 2 values for each key.**

```
keys = ['key1', 'key2', 'key3']
values = [[1, 2], [3, 4], [5, 6]]
my_dict = {}
for i in range(len(keys)):
    my_dict[keys[i]] = values[i]
print(my_dict)
```

{'key1': [1, 2], 'key2': [3, 4], 'key3': [5, 6]}

TASK-4**Create function with if Statement to find odd numbers.**

```
numbers = [1, 2, 3, 4, 5, 6, 7, 8, 9, 10]
odd_numbers = []
for num in numbers:
    if num % 2 != 0:
        odd_numbers.append(num)
print(odd_numbers)
```

[1, 3, 5, 7, 9]

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

```
my_list = [8, 2, 3, 0, 7]
total = 0
for num in my_list:
    total += num
print(total)
```

20

