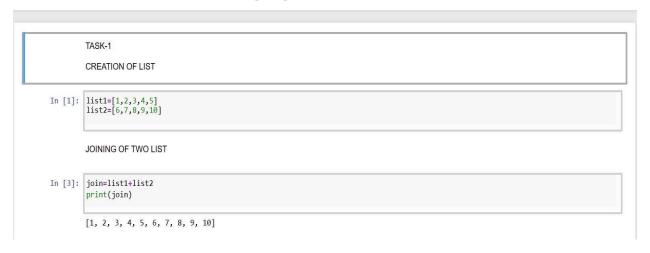
ASSIGNMENT-4 (BASIC PYTHON)

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TASK-1

Creation of two list and merging them.



TASK-2

With if Statement find even numbers

```
TASK-2

EVEN NUMBER USING IF

In [9]: 
even=[]
for n in join:
    if n%2==0:
        even.append(n)
    print(even)

[2, 4, 6, 8, 10]
```

TASK-3

Create dictionaries with 3 keys and 2 values for each key.

TASK-4

Create function with if Statement to find odd numbers.

```
TASK-4

CREATE FUNCTION TO FIND ODD

In [12]: def find_odd(join):
        odd=[]
        for n in join:
            if n%2!=0:
                  odd.append(n)
        return odd

In [13]: odd=find_odd(join)
        print(odd)

[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

```
TASK-5

PYTHON FUNCTION TO SUM NUMBERS IN LIST

In [16]: def sum_num(sample):
    tot=0
    for n in sample:
        tot+=n
    return tot

In [17]: sample=[8,2,3,0,7]
    sum=sum_num(sample)
    print(sum)

20
```