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	ASSIGNMENT - 4

Task - 1	Create two list and join those two list.

Coding:

```
a1=[5,6,7,8,9]
a2=[10,11,12,13,14]
a3=a1+a2
print(a3)
```

Output:

```
a1=[5,6,7,8,9]
a2=[10,11,12,13,14]
a3=a1+a2
print(a3)

[5, 6, 7, 8, 9, 10, 11, 12, 13, 14]
```

Task - 2	With if statement find the even numbers.

Coding:

```
for i in range(0,20):
    if(i%2==0):
        print(i)
```

Output:

```
for i in range(0,20):
    if(i%2==0):
        print(i)
```

```
0
2
4
6
8
10
12
14
16
18
```

Task – 3	Create a Dictionary with 3 keys and 2 values for each key.

Coding:

```
mydict={
   "key1":["a","b"],
   "key2":["c","d"]}
print(mydict)
```

Output:

```
mydict={
       "key1":["a","b"],
       "key2":["c","d"]}
print(mydict)

{'key1': ['a', 'b'], 'key2': ['c', 'd']}
```

Task – 4	Create a function with if statement which is used to find the odd numbers.

Coding:

```
def odd(list):
    n=[]
    for num in list:
        if(num%2!=0):
            n.append(num)
    return n
list=[1,2,3,4,5]
print(odd(list))
```

Output:

```
: def odd(list):
      n=[]
      for num in list:
          if(num%2!=0):
              n.append(num)
      return n
  list=[1,2,3,4,5]
  print(odd(list))

  [1, 3, 5]
```

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

Coding:

```python
list = [3,2,3,0,-9]
print(sum(list))
```

Output:

```
list = [3,2,3,0,-9]
print(sum(list))
```

```
-1
```