

#Task 1

# ASSIGNMENT 4

```
list_1=[18,14,9,7]
list_2=[10,11,5,6]
new_list=list_1 + list_2
print(new_list)
```

```
#Task2 num=18
if num%2==0:
    print(num,"is an even number")else:
    print(num,"is not an even number")
```

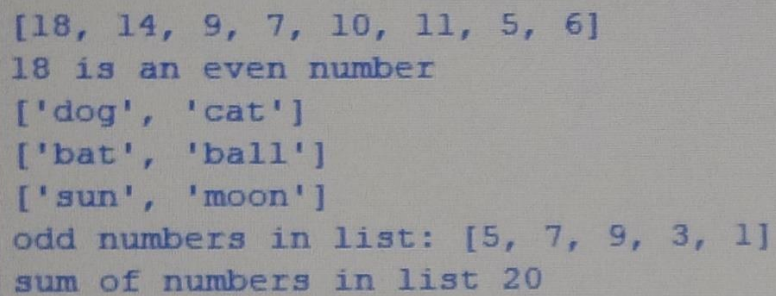
```
#Task3
my_dict={"key1":["dog","cat"],"key2":["bat","ball"],"key3":["sun","moon"]} print(my_dict["key1"])
print(my_dict["key2"])
print(my_dict["key3"])
```

```
#Task4
def find_odd_numbers(numbers):
    odd_numbers=[]
    for number in numbers:if
        number%2!=0:
            odd_numbers.append(number)return
    odd_numbers
my_numbers=[2,5,7,9,3,1,8,6]
result=find_odd_numbers(my_numbers)print("odd numbers
in list:",result)
```

#Task5

```
def sum_numbers(numbers):total=0
    for number in numbers:
        total+=number
    return total
my_numbers=[8,2,3,0,7]
res=sum_numbers(my_numbers) print("sum
of numbers in list",res)
```

OUTPUT :



```
[18, 14, 9, 7, 10, 11, 5, 6]
18 is an even number
['dog', 'cat']
['bat', 'ball']
['sun', 'moon']
odd numbers in list: [5, 7, 9, 3, 1]
sum of numbers in list 20
```