1. **Write a Python program to find the sum of elements in a list?**

```python
n=int(input("Enter the Size of the array "))
array =[ ]

for i in range(0,n):
    ele=int(input())
    array.append (ele)
print(array)
print(sum(array))
```

2. **Write a Python program to Multiply all numbers in the list?**

```python
n=int(input("Enter the Size of the array "))
array =[ ]

for i in range(0,n):
    ele=int(input())
    array.append (ele)
print(array)

def multiplication(array):
    result=1
    for x in array:
        result=result*x
    return result

print("Multiplicatiion of the elements of List is ",multiplication(array))
```

3. **Write a Python program to find the smallest number in a list?**

```python
n=int(input("Enter the Size of the array "))
array =[ ]

for i in range(0,n):
    ele=int(input())
    array.append (ele)
print(array)

smallest=0

if array[i]<smallestt:
    small=array[i]

print("Smallest Element is : ",smallest)
```

4. **Write a Python program to find the largest number in a list?**

```python
n=int(input("Enter the Size of the array "))
array =[ ]
```

```python
for i in range(0,n):
    ele=int(input())
    array.append (ele)
print(array)

largest=0

if array[i]>largest:
    largest=array[i]

print("Largest Element is : ",largest)
```

5. **Write a Python program to find the second largest number in a list?**

```python
#program to find the second largest number of list
# declaring the list
list_val = [20, 30, 40, 25, 10]
# sorting the list
list_val.sort()
#displaying the second last element of the list
print("The second largest element of the list is:", list_val[-2])
```

6. **Write a Python program to find N largest elements from a list?**

```python
# Function returns N largest elements
def Nmaxelements(list1, N):
        final_list = []

        for i in range(0, N):
                max1 = 0

                for j in range(len(list1)):
                        if list1[j] > max1:
                                max1 = list1[j];

                list1.remove(max1);
                final_list.append(max1)

        print(final_list)

# Driver code
list1 = [2, 6, 41, 85, 0, 3, 7, 6, 10]
N = 2

# Calling the function
Nmaxelements(list1, N)
```

7. **Write a Python program to print even numbers in a list?**

```python
n=int(input("Enter the Size of the array "))
array =[ ]

for i in range(0,n):
    ele=int(input())
    array.append (ele)
print(array)

def evenandodd(array):
    for x in array:
        if x%2==0:
            print("Even")
        else:
            print("Odd")
```

8. **Write a Python program to print odd numbers in a List?**

```python
n=int(input("Enter the Size of the array "))
array =[ ]

for i in range(0,n):
    ele=int(input())
    array.append (ele)
print(array)

def evenandodd(array):
    for x in array:
        if x%2==0:
            print("Even")
        else:
            print("Odd")
```

9. **Write a Python program to Remove an empty List from the List?**

```python
#Python Remove empty List from List using filter()

# Initializing list
myList = [1, [], 2, 3, [], 4, 5, [], [], 9]

# printing original list
print("The original list is : " + str(myList))

# Remove empty List from List
result = list(filter(None, myList))
```

```
# printing result
print ("List after empty list removal : " + str(result))
```

10. Write a Python program for Cloning or Copying a list?

```
n=int(input("Enter the Size of the array "))
array =[ ]

for i in range(0,n):
    ele=int(input())
    array.append (ele)
print(array)

new_array=array
print(new_array)
```

11. Write a Python program to count occurrences of an element in a list?

```
n=int(input("Enter the Size of the array "))

array =[ ]

for i in range(0,n):

    ele=int(input())

    array.append (ele)

print(array)

def occ(array):

    count=0

    for x in array:

        if x==array[x]:

            count+=1

    return count

print("Occourance of the number ",occ(array))
```