1. Write a Python script to create a list of first N natural numbers.

```
n=int(input("enter the number "))
l2=[]
for x in range(n):
    l2.append(x+1)
print(l2)
```

****

```
print([x for x in range(int(input("enter the number ")))])
```

2. Write a Python script to create a list of first N odd natural numbers.

```
n=int(input("enter the number "))
l2=[]
for x in range(n):
    l2.append(2*(x+1)-1)
print(l2)
```

****

```
print([2*(x+1)-1 for x in range(int(input("enter the number ")))])
```

3. Write a Python script to create a list of first N even natural numbers.

```
n=int(input("enter the number "))
l2=[]
for x in range(n):
    l2.append(2*(x+1))
print(l2)
```

****

```
print([2*(x+1) for x in range(int(input("enter the number ")))])
```

4. Write a Python script to find the greatest number in a given list of numbers.

```
l1=[1,2,3,4,5]
x=max(l1)
print(x)
```

****

```
n=int(input("enter the value "))
l2=[]
for x in range(n):
```

```python
    print("enter the value ")
    l1=int(input())
    l2.append(l1)
print(l2,"maximum value in the list is", max(l2),sep="\n")
```

5. Write a Python script to find the smallest number in a given list of numbers.

```python
l1=[45,34,12,98,64]
print(l1)
x=min(l1)
print("\n smallest value in the list ",x)
print()
```

6. Write a Python script to calculate the sum of elements in a given list of numbers.

```python
n=int(input("enter the value "))
l2=[]
for x in range(n):
    print("enter the value ")
    l1=int(input())
    l2.append(l1)
print(l2,"sum of list is ", sum(l2),sep="\n")
```

7. Write a Python script to remove all non int values from a list.

```python
l1=[2,3,4.5,3+5j,True]
l2=[]
for x in l1:
    if type(x)==int:
        l2.append(x)
l1=l2
print(l1)
```

8. Write a Python script to print distinct elements along with their frequencies of occurrence in the list.

```python
l1=[2,3,5,6,5,7,3,8]
l2=[]
i=0
for x in l1:
    if l1.index(x)==i:
        print(x,"frequencies is" ,l1.count(x))
    i+=1
```

9. Write a Python script to print indices of all occurrences of a given element in a given list.

```python
l1=[2,3,5,6,5,7,3,8]
l2=[]
for x in l1:
```

```
    print(x,"index is" ,l1.index(x))
```

10. Write a python script to sort a list.

```
l1=[2,3,5,6,5,7,3,8]
l1.sort()
print(l1)
```