

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

```
n=int(input("Enter number: "))
i=1
num=list(range(i,n+1))
print(num)
```

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

```
n=int(input("Enter number: "))
i=1
num=list(range(i,n,2))
print(num)
```

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

```
n=int(input("Enter number: "))
i=2
num=list(range(i,n+1,2))
print(num)
```

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

```
lst = []
n = int(input("Enter number of elements : "))
for i in range(0, n):
    ele = int(input())
    lst.append(ele)

print("Maximum element is: ",max(lst))
```

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

```
lst = []
n = int(input("Enter number of elements : "))
for i in range(0, n):
    ele = int(input())
    lst.append(ele)

print("Minimum element is: ",min(lst))
```

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

```
lst = []
n = int(input("Enter number of elements : "))

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

```
print("Sum of all element is: ",sum(lst))
```

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

```
def remove_non_integers(input_list):  
    return [item for item in input_list if isinstance(item, int)]  
  
# Example usage:  
input_list = [1, 'hello', 2, 'world', 3.14, 4, '5', 6, '7']  
result_list = remove_non_integers(input_list)  
print(result_list)
```

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

```
def CountFrequency(my_list):  
    count = {}  
    for i in [1, 1, 1, 5, 5, 3, 1, 3, 3, 1, 4, 4, 4, 2, 2, 2, 2]:  
        count[i] = count.get(i, 0) + 1  
    return count  
  
if __name__ == "__main__":  
    my_list = [1, 1, 1, 5, 5, 3, 1, 3, 3, 1, 4, 4, 4, 2, 2, 2, 2]  
    print(CountFrequency(my_list))
```

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

```
my_list = [1, 2, 3, 1, 5, 4]  
indices = [ind for ind, ele in enumerate(my_list) if ele == 1]  
  
print(indices)
```

10. Write a python script to sort a list.

```
lst = []  
n = int(input("Enter number of elements : "))  
  
for i in range(0, n):  
    ele = int(input())  
    lst.append(ele)  
  
print("Sorted list is: ",sorted(lst))
```