Today we practice numbers based list codes

1. Reverse the numbers:

```python
numbers =
[1,2,3,4,5,6,7] left= 0
right= len(numbers)-1
while left<right:
    numbers[left],numbers[right] =
numbers[right],numbers[left]    left+=1    right-=1
print(numbers)
```

2.Find odd and even number count:

```python
numbers = [1,2,3,4,5,6,7]
#find the  oven or odd and its numbers of
count even_count =odd_count = 0 for num in
numbers:     if num%2==0:
        even_count+=1
else:
        odd_count+=1
 print(f"total even
numbers:{even_count}") print(f"total odd
numbers:{odd_count}")
```

3.Find largest and smallest number in list:

```python
numbers = [1,2,3,4,5,6,7,8] largest
= smallest = numbers[3]
 for num in numbers:
if num>largest:
largest = num     elif
num<smallest:
smallest = num


print(f"largetst number is {largest}")
print(f"smallest number is {smallest}")
```

4. Move all zeros into end:

```python
        nums = [0,1,0,4,0,5,12,0]
pos = 0 for n in
nums:      if n!= 0:
nums[pos]= n
pos+=1 while
pos<len(nums):
    nums[pos] =0
pos+=1 print(nums)
```

5.Frequency count

```python
nums = [1, 2, 2, 3, 3, 3]
freq = {}
 for n in
nums:
    freq[n] = freq.get(n, 0) + 1

print(freq)
```

6.Remove the duplicate:

```python
nums = [1, 2, 2, 3, 4, 4, 5] unique
= []
 for n in nums:      if
n not in unique:
unique.append(n)

print(unique)
```