

```
In [1]: ##Answer 1:

list1 = [10, 20, 4, 45, 99]
list1.sort()
print("Smallest element is:", *list1[:1])
```

Smallest element is: 4

```
In [2]: ##Answer 2:

list1 = [10, 20, 4, 45, 99]
list1.sort()
print("Largest element is:", *list1[-1:])
```

Smallest element is: 99

```
In [4]: ##Answer 3:

list1 = [10, 20, 4, 45, 99]
list1.sort()
print("2nd Largest element is:", *list1[-2:-1])
```

2nd Largest element is: 45

```
In [8]: ##Answer 4:

list1 = [10, 20, 4, 45, 99]
n = 2

list1.sort()
print(list1[-n:])
```

[45, 99]

```
In [14]: ##Answer 5:

list1 = [10, 20, 4, 45, 99]
for i in list1:
    if i%2==0:
        print (i)
```

10
20
4

```
In [15]: ##Answer 6:

list1 = [10, 20, 4, 45, 99]
for i in list1:
    if i%2!=0:
        print (i)
```

45
99

```
In [20]: ##Answer 7:

for i in range(1,21):
    if i%2==0:
        print (i)
```

```
2
4
6
8
10
12
14
16
18
20
```

```
In [21]: ##Answer 8:

for i in range(1,21):
    if i%2!=0:
        print (i)
```

```
1
3
5
7
9
11
13
15
17
19
```

```
In [22]: ##Answer 9:

list1=[-3,-2,-1,0,1,2,3]
for i in list1:
    if i>=0:
        print(i)
```

```
0
1
2
3
```

```
In [23]: ##Answer 10:

list1=[-3,-2,-1,0,1,2,3]
for i in list1:
    if i<=0:
        print(i)
```

```
-3
-2
-1
0
```

```
In [24]: ##Answer 11:  
  
for i in range(-3,4):  
    if i>=0:  
        print (i)
```

```
0  
1  
2  
3
```