```python
n=int(input('Enter the number of items'))
lst=[]
for i in range(n):
    list1=int(input())
    lst.append(list1)
print(lst)
print(lst[3])
print(lst[-3:])
print(lst[2:])
print(lst[::-1])
print(max(lst),min(lst))
print(sum(lst))
if 0 in lst:
    print(lst.index(0))
else:
    print('there are no zeros')
lst.sort()
print(lst)
del lst[0]
print('new list',lst)
lst[-2]=9876
print('new list',lst)
lst.append(-500)
print('new list',lst)
```

```
Enter the number of items5
2
3
0
1
4
[2, 3, 0, 1, 4]
1
[0, 1, 4]
[0, 1, 4]
[4, 1, 0, 3, 2]
4 0
10
2
[0, 1, 2, 3, 4]
new list [1, 2, 3, 4]
new list [1, 2, 9876, 4]
new list [1, 2, 9876, 4, -500]
```

```python
n=int(input('enter number of elements in the list '))
lst=[]
for i in range(n):
    list1=int(input())
    lst.append(list1)
s=min(lst)
print(s,'is the smallest element')
print(lst.index(s),'is index of the min element')
```

```
enter number of elements in the list 5
2
3
4
1
1
1 is the smallest element
3 is index of the min element
```

```python
s=input('Enter a string in lowercase letters ')
alphabets='abcdefghijklmopqrstuvwxyz'
lst=[]
for i in alphabets:
    lst.append(s.count(i))
print(lst)
```

```
Enter a string in lowercase letters aabbbhhhhfffddd
[2, 3, 0, 3, 0, 3, 0, 4, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0]
```

```python
d={'abc':7,'def':11,'ghi':13,'jkl':17,'mno':19}
print(d['def'])
print(list(d.keys()))
for keys in d:
    print(keys,d[keys])
if 'pqr' in d:
    print('It exists')
else:
    print('It does not exist')
d['abc']=23
print(list(d.values()))
```

```
11
['abc', 'def', 'ghi', 'jkl', 'mno']
abc 7
def 11
ghi 13
jkl 17
mno 19
It does not exist
[23, 11, 13, 17, 19]
```