```
#append extend insert remove clear pop count index sort copy reverse
list1=[1,2,3,4,8,1,3,0,4,6,]
list1.sort()
list1
```

[0, 1, 1, 2, 3, 3, 4, 4, 6, 8]

Start coding or generate with AI.

```
list1.sort(reverse=True)
list1
```

[8, 6, 4, 4, 3, 3, 2, 1, 1, 0]

```
list2=[1,2,3,4,5,6,7,8,9]
list2.reverse()
list2
```

[9, 8, 7, 6, 5, 4, 3, 2, 1]

```
list3=list2.copy()
list3
```

[9, 8, 7, 6, 5, 4, 3, 2, 1]

```
#tuple methods = count and index

tuple1=(1,2,3,4,5,6,3,2,1,3,4,5,6,7)
tuple1.count(3)
```

3

```
tuple1.index(3)
```

2

```
#sort uper line

list5=['anurag','ajay','nishant','anjali']
list5.sort()

list5.sort(key=len)list5
```

['ajay', 'anjali', 'anurag', 'nishant']

```
#Bitwise opeartor
#and or XOR not leftwise rightwise

        8   4   2   1
   10=   1   0   1   0
   12=   1   1   0   0

   and   1   0   0   0=====8

   or    1   1   1   0======14

   XOR   0   1   1   0======6

not(a)   1   0   1   0
         0   1   0   1======5

leftwise  32    16    8   4   2   1
10  =      0     0    1   0   1   0
           0     1    0   1   0   0

         16+4==20

right wise 0      0    0   1   0   1
           4+1==5


a=10
a >> 1
```

5

5