

Bisect

```
b = [ 10 , 20 , 20 , 30 , 50 , 60 , 70 , 90 ]
```

- This will maintain the list in sorted order
- It can have duplicate numbers
- If you want to perform intersection operations but it will ensure that the list is in a sorted order

insert :

It is used for inserting the element

insert_left and insert_right :

If you want to enter the number which is already present in the list. Let's take 90 as you can see 90 is already present in the list

- At this situation we can use this. Whether you want 90 at right side of the 90 (which is already present in the list) or left side

```
>>> bisect.insort_left(L, 90)
>>> L
[10, 20, 20, 25, 30, 40, 50, 60, 70, 90, 90]
>>> id(L[9])
140539785970832
>>> id(L[10])
140539785970832
```

bisect() , bisect_left() , bisect_right() :

It will not insert it will only say where is the position of a certain number