



## 2. LIFO Queue:

The removal will be happen in the reverse order of insertion(Last In First Out)

Eg:

```
1) import queue
2) q=queue.LifoQueue()
3) q.put(10)
4) q.put(5)
5) q.put(20)
6) q.put(15)
7) while not q.empty():
8)     print(q.get(),end=' ')
```

Output: 15 20 5 10

## 3. Priority Queue:

The elements will be inserted based on some priority order.

```
1) import queue
2) q=queue.PriorityQueue()
3) q.put(10)
4) q.put(5)
5) q.put(20)
6) q.put(15)
7) while not q.empty():
8)     print(q.get(),end=' ')
```

Output: 5 10 15 20

Eg 2: If the data is non-numeric, then we have to provide our data in the form of tuple.

(x,y)

x is priority  
y is our element

```
1) import queue
2) q=queue.PriorityQueue()
3) q.put((1,"AAA"))
4) q.put((3,"CCC"))
5) q.put((2,"BBB"))
6) q.put((4,"DDD"))
7) while not q.empty():
8)     print(q.get()[1],end=' ')
```