# 1. Constructor

Name	Details	Time Complexity
multiset <type> ms;</type>	Construct an empty multiset.	O(1)
multiset <type> ms(cmp);</type>	Construct an empty multiset wit	O(1)ustom comparison function.
multiset <type> ms(it1, it2);</type>	Construct a multiset with eleme	ræ(Nirdong tN)e range [it1, it2).
multiset <type> ms(ms2);</type>	Construct a multiset by copying	ହା(M)her multiset ms2.

# 2. Capacity

Name	Details	Time Complexity
ms.size()	Returns the number of elements	sOn(1t)ne multiset.
ms.max_size()	Returns the maximum size the	nQ(l1i)set can hold.
ms.empty()	Returns true if the multiset is en	ሰ <b>ዎ(</b> ⁄J,)otherwise false.

## 3. Modifiers

Name	Details	Time Complexity
ms.insert(val)	Adds an element val to the mult	i©∉tog N)
ms.erase(val)	Removes all elements equal to	√a(ltrgrtN)the multiset.
ms.erase(it)	Removes the element at iterato	rQt(1)
ms.clear()	Clears all elements from the mu	(D\$P1).
ms.swap(ms2)	Swaps contents with another m	<b>மி(sle)</b> t ms2.
ms.emplace(args)	Inserts a new element in place	on( <b>kstgutdt)</b> ed with args.
ms.insert(it1, it2)	Inserts elements from the range	<b>Φ(N It2).</b> N)

## 4. Element Access

Name	Details	Time Complexity	
ms.find(val)	Finds an element with the value	Ø∉llog N)	
ms.count(val)	Counts elements with the value	<b>%</b> (log N)	
ms.lower_bound(val)	Returns an iterator to the first e	<b>ூ(lengt N</b> )at is not less than val.	
ms.upper_bound(val)	Returns an iterator to the first e	<b>ூ(lengt Nh)</b> at is greater than val.	
ms.equal_range(val)	Returns a pair of iterators of the	© (hogge Nt) at includes all the eleme	ents equiv

### 5. Iterators

Name	Details	Time Complexity
ms.begin()	Returns an iterator to the first el	<b>ூ</b> (n/te)∩t.
ms.end()	Returns an iterator to the eleme	വ്(fb)llowing the last element.

ms.rbegin()	Returns a reverse iterator to the	Oz(≰t) element.	
ms.rend()	Returns a reverse iterator to the	@(d)nent preceding the first eleme	ent.