1. Constructor

Name	Details	Time Complexity
priority_queue <type> pq;</type>	Construct an empty priority que	(1)
priority_queue <type> pq(cmp);</type>	Construct an empty priority que	ம்(1) ith a custom comparator.
priority_queue <type> pq(it1, it2</type>	Construct a priority queue with	e@(nNelots Nr)om the range [it1, it2).
priority_queue <type> pq(pq2);</type>	Construct a priority queue by co	ወ (iNg another priority queue pq2.

2. Capacity

Name	Details	Time Complexity
pq.size()	Returns the number of elements	sOn(1t)he priority queue.
pq.empty()	Returns true if the priority queue	eOs(1e)mpty, otherwise false.

3. Modifiers

Name	Details	Time Complexity
pq.push(val)	Adds an element val to the prior	riÐy(kopugeNJ)∌.
pq.pop()	Removes the top element from	t ©∉lpgið√l) ty queue.
pq.emplace(args)	Inserts a new element in place	c ⊙n(kstgut∖t) ed with args.
pq.swap(pq2)	Swaps contents with another pr	i &r(tl)) queue pq2.

4. Element Access

Name	Details	Time Complexity
pq.top()	Returns a reference to the top e	(n) nt in the priority queue.