```
(Max Heap)
Priority Queue: largest element stays at the top.

1101d expPQ(){
```

pq. push (5); 115

pq. push (z); (1 2 5, 2 3

Pq. push (9); // { 8,5,2 }

pq emplace (10); 46 60, 8, 5, 23

2 3 5

cout << pq. hop(); //print 10

Pq. Poel1; U1 8,5,23

Cout < c 89. top(); // print 8

(Min Heap)

Minimum Heap Syntax: For small est element

priority-quene < int, vector < Int> = greater Lint> > pq;

Pq. push (5): // 5

Pq. push (2): //2,5

You need to add this for smallest element Pq. push (8): [/ { 2, 5, 8 } pq. emplace (10); { 2, 5, 8, 10 } Cout << pq. top(); //prints 2 2 => pq.hop 5

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 $\begin{array}{ccc} pwsh \rightarrow (og N \\ bop \rightarrow o(i) \\ pop \rightarrow bog N \end{array}$