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Give Current Min

Problem

Submissions

Leaderboard

Discussions

Submitted 7 hours ago • Score: 20.00

Status: Accepted

✓	Test Case #0	✓	Test Case #1	✓	Test Case #2
✓	Test Case #3	✓	Test Case #4	✓	Test Case #5
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✓	Test Case #9	✓	Test Case #10	✓	Test Case #11
✓	Test Case #12				

Submitted Code

Language: C++20

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```
1 #include<bits/stdc++.h>
2 using namespace std;
3
4 int main()
5 {
6     priority_queue< int,vector<int>,greater<int> > pq;
7
8     int n;cin>>n;
9     for(int i= 0; i<n;i++)
10     {
11         int x ; cin>>x;
12         pq.push(x);
13     }
14     int q;cin>>q;
15     while(q--)
16     {
17         int cmd;cin>>cmd;
18         if(cmd == 0)
19         {
20             int val;
21             cin>>val;
22             pq.push(val);
23             cout<<pq.top()<<endl;
24         }
25
26         else if(cmd == 1)
27         {
28             if(!pq.empty())
29             {
30                 cout<<pq.top()<<endl;
```

```
31     }
32     else
33     {
34         cout<<"Empty" <<endl;
35     }
36 }
37
38 else if(cmd == 2)
39 {
40     if(!pq.empty())
41     {
42         pq.pop();
43         if(pq.empty()) cout<<"Empty"<<endl;
44         else cout<<pq.top()<<endl;
45     }
46     else
47     {
48         cout<<"Empty"<<endl;
49     }
50 }
51 }
52
53 // while(!pq.empty())
54 // {
55 //     cout<<pq.top()<<" ";
56 //     pq.pop();
57 // }
58
59 return 0;
60 }
```