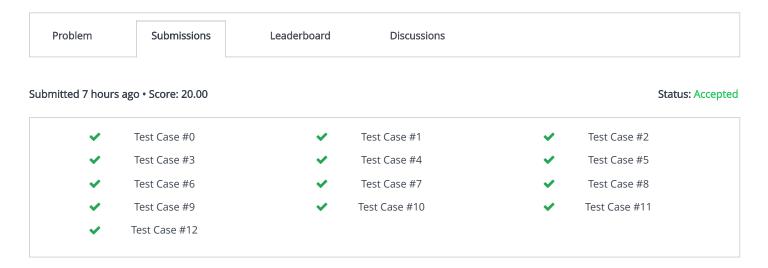
Q Search

All Contests > Final Exam | Basic Data Structures | Batch 03 > Give Current Min

Give Current Min



Submitted Code

```
P Open in editor
 Language: C++20
 1 #include<bits/stdc++.h>
 2 using namespace std;
4 int main()
5 {
       priority_queue< int,vector<int>,greater<int> > pq;
6
 7
       int n;cin>>n;
8
9
       for(int i= 0; i<n;i++)</pre>
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;
            if(cmd == 0)
18
19
20
                int val;
21
                cin>>val;
22
                pq.push(val);
23
                cout<<pq.top()<<endl;</pre>
           }
24
25
            else if(cmd == 1)
26
27
28
                if(!pq.empty())
29
                {
30
                     cout<<pq.top()<<endl;</pre>
```

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

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