

The actual height of a room is the max of the prefix min and the suffix min. The prefix min is monotone decreasing, and the suffix min is monotone increasing. Greedily push the boxes in increasing order to the lowest possible position.  $O(sort(n))$ .

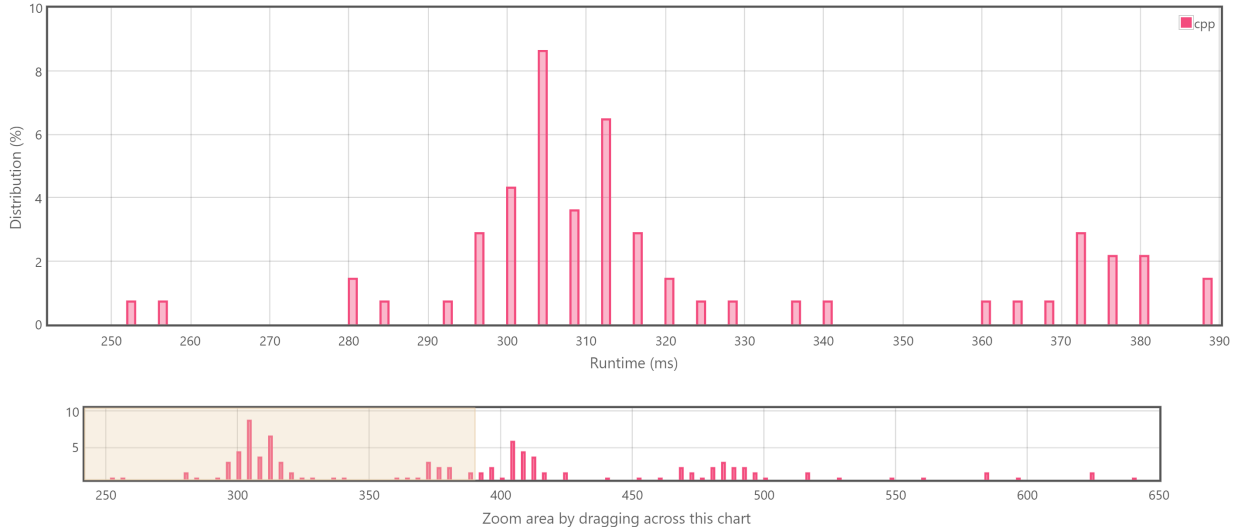
95 / 95 test cases passed.

Runtime: 160 ms  
Memory Usage: 60 MB

Status: Accepted

Submitted: 0 minutes ago

Accepted Solutions Runtime Distribution



Runtime: 160 ms, faster than 100.00% of C++ online submissions for Put Boxes Into the Warehouse II.

Memory Usage: 60 MB, less than 98.56% of C++ online submissions for Put Boxes Into the Warehouse II.

## References