

Leetcode 881. Boats to Save People

LeetCode

Explore Day 3 Problems Mock Contest Discuss Store

December LeetCode Challenge 🔥 ✕ ☆ Premium 🔍 🔔 👤

Description

Solution

Discuss (274)

Submissions

Success Details >

Runtime: 15 ms, faster than 17.09% of Java online submissions for Boats to Save People.

Memory Usage: 48 MB, less than 45.75% of Java online submissions for Boats to Save People.

Next challenges:

Wildcard Matching

Stamping The Sequence

Dot Product of Two Sparse Vectors

Show off your acceptance: f t in

Time Submitted	Status	Runtime	Memory	Language
12/04/2020 20:43	Accepted	15 ms	48 MB	java
12/04/2020 20:41	Accepted	15 ms	50 MB	java
12/04/2020 19:48	Wrong Answer	N/A	N/A	java

Problems

✕ Pick One

< Prev

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Next >

i Java Autocomplete

```
1 * class Solution {
2 *     public int numRescueBoats(int[] people, int limit) {
3 *         Arrays.sort(people);
4 *         int res = 0;
5 *         for (int right = people.length - 1, left = 0; right >= left;) {
6 *             int sum = 0;
7 *             if (people[right] <= limit)
8 *                 sum += people[right--];
9 *             if (sum + people[left] <= limit)
10 *                 sum += people[left++];
11 *             res++;
12 *         }
13 *         return res;
14 *     }
15 * }
```

Testcase

Run Code Result

Debugger 🔒

Accepted Runtime: 0 ms

Your input

Output

Expected

Diff

Console

How to create a testcase

Run Code

Submit

Leetcode 55. Jump Game

LeetCode

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December LeetCode ChallengePremium

DescriptionSolutionDiscuss (999+)Submissions

JavaAutocomplete

SuccessDetails >

Runtime: 1 ms, faster than 81.67% of Java online submissions for Jump Game.
Memory Usage: 40.3 MB, less than 98.54% of Java online submissions for Jump Game.
Next challenges: [Jump Game II](#) [Jump Game III](#)
Show off your acceptance: [f](#) [t](#) [in](#)

Time Submitted	Status	Runtime	Memory	Language
12/05/2020 01:33	Accepted	1 ms	40.3 MB	java
12/04/2020 15:25	Accepted	1 ms	41.4 MB	java
12/04/2020 15:02	Wrong Answer	N/A	N/A	java
12/04/2020 14:54	Wrong Answer	N/A	N/A	java
12/04/2020 14:53	Wrong Answer	N/A	N/A	java

```
1 class Solution {
2     public boolean canJump(int[] nums) {
3         int max = 0;
4         for (int i = 0; i < nums.length; i++) {
5             if (i > max)
6                 return false;
7             max = Math.max(max, i + nums[i]);
8             if (max >= nums.length - 1)
9                 return true;
10        }
11    }
12    return true;
13 }
```

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ProblemsPick One< Prev55/1676Next >

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Leetcode 403. Frog Jump

LeetCode

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December LeetCode Challenge 🔥 Premium

Description

Solution

Discuss (597)

Submissions

Success Details >

Runtime: 33 ms, faster than 66.02% of Java online submissions for Frog Jump.

Memory Usage: 43.2 MB, less than 67.79% of Java online submissions for Frog Jump.

Next challenges:

Maximum Length of Repeated Subarray

Minimum Falling Path Sum

Maximize Grid Happiness

Show off your acceptance: f t in

Time Submitted	Status	Runtime	Memory	Language
12/04/2020 15:41	Accepted	33 ms	43.2 MB	java
12/02/2020 01:59	Accepted	34 ms	42.9 MB	java

Problems

Pick One

< Prev

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Next >

Java

Autocomplete

```
1 class Solution {
2     public boolean canCross(int[] stones) {
3         int n = stones.length;
4         Map<Integer, HashSet<Integer>> map = new HashMap<Integer, HashSet<Integer>>();
5
6         for(int stone: stones)
7             map.put(stone, new HashSet<Integer>());
8         map.get(0).add(1);
9
10        for (int i = 0; i < n - 1; i++) {
11            int stone = stones[i];
12            for (int j : map.get(stone)) {
13                int next = j + stone;
14                if (next == stones[n - 1])
15                    return true;
16
17                HashSet<Integer> set = map.get(next);
18                if (set != null) {
19                    if (j - 1 > 0) // 为什么加上这句话就好了。。
20                        set.add(j - 1);
21                    set.add(j);
22                    set.add(j + 1);
23                }
24            }
25        }
26        return false;
27    }
28 }
```

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Console

Contribute

Run Code

Submit

LeetCode 354. Russian Doll Envelopes

LeetCode

Explore Problems Mock Contest Discuss Store

Description

Solution

Discuss (286)

Submissions

Success

Details

Runtime: **8 ms**, faster than **97.92%** of Java online submissions for Russian Doll Envelopes.

Memory Usage: **40.2 MB**, less than **26.79%** of Java online submissions for Russian Doll Envelopes.

Next challenges:

[Restore The Array](#)

[Find a Value of a Mysterious Function Closest to Target](#)

[Stone Game V](#)

Show off your acceptance: [f](#) [t](#) [in](#)

Time Submitted	Status	Runtime	Memory	Language
12/04/2020 13:45	Accepted	8 ms	40.2 MB	java
12/01/2020 20:41	Accepted	8 ms	40.3 MB	java
12/01/2020 20:23	Accepted	7 ms	40 MB	java
12/01/2020 20:11	Wrong Answer	N/A	N/A	java

Problems

Pick One

< Prev

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Next >

Java

Autocomplete

```
1 class Solution {
2     public int maxEnvelopes(int[][] env) {
3
4         // 就比LIS多一个排序
5         Arrays.sort(env, new Comparator<int[]>() {
6             public int compare(int[] o1, int[] o2) {
7                 // we need to put [3, 4] before [3, 3] when sorting
8                 // otherwise it will be counted as an increasing number if the order is [3, 3],
9                 // [3, 4]
10
11                 if (o1[0] == o2[0])
12                     return o2[1] - o1[1];
13                 else
14                     return o1[0] - o2[0];
15             }
16         });
17         int[] dp = new int[env.length];
18         int cnt = 0;
19         for(int[] pair: env) {
20             // width is sorted, we now only consider height
21             if (cnt == 0 || dp[cnt - 1] < pair[1])
22                 dp[cnt++] = pair[1];
23             else {
24                 int i = Arrays.binarySearch(dp, 0, cnt, pair[1]);
25                 if (i < 0)
26                     i = -(i + 1);
27                 dp[i] = pair[1];
28             }
29         }
30         return cnt;
31     }
```

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Console

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Run Code

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