SRI CHANDRASEKHARENDRA SARASWATHI VISWA MAHAVIDYALAYA

(UNIVERSITY ESTABLISHED UNDER SECTION 3 OF UGC ACT 1956)

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Course Name: OOPS Leet Code Problems

https://leetcode.com/problems/merge-two-sorted-lists/

Problem List | Submit | Premium

Description | Editorial | Solutions | Submissions

21. Merge Two Sorted Lists

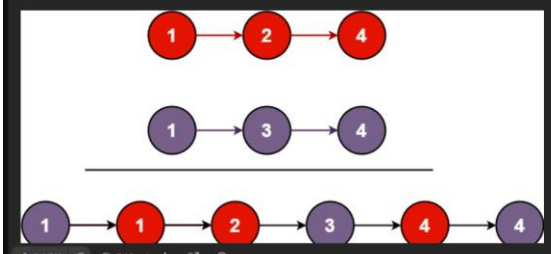
Easy | Topics | Companies

You are given the heads of two sorted linked lists `list1` and `list2`.

Merge the two lists into one **sorted** list. The list should be made by splicing together the nodes of the first two lists.

Return *the head of the merged linked list.*

Example 1:



24.3K | 542 | 524 Online

Code

C++ | Auto

```cpp
class Solution {
public:
    ListNode* mergeTwoLists(ListNode* list1, ListNode* list2) {
        ListNode* dummy = new ListNode(-1);
        ListNode* tail = dummy;
        while (list1 != nullptr && list2 != nullptr) {
            if (list1->val < list2->val) {
                tail->next = list1;
                list1 = list1->next;
            } else {
                tail->next = list2;
```

Saved | Ln 13, Col 14

Testcase | Test Result

Accepted Runtime: 0 ms

Case 1 | Case 2 | Case 3

Input

list1 =
[1,2,4]

list2 =
[1,3,4]

Output

Finance headline
India reported 3...

Search

ENG IN 9:32 AM 11/13/2025

https://leetcode.com/problems/sort-colors/

Problem List | Submit | Premium

Description | Editorial | Solutions | Submissions

75. Sort Colors

Solved

Medium | Topics | Companies | Hint

Given an array `nums` with `n` objects colored red, white, or blue, sort them in-place so that objects of the same color are adjacent, with the colors in the order red, white, and blue.

We will use the integers `0`, `1`, and `2` to represent the color red, white, and blue, respectively.

You must solve this problem without using the library's sort function.

Example 1:

> **Input:** nums = [2,0,2,1,1,0]
> **Output:** [0,0,1,1,2,2]

Example 2:

> **Input:** nums = [2,0,1]
> **Output:** [0,1,2]

Constraints:

- `n == nums.length`
- `1 <= n <= 300`

20.9K | 603 | 232 Online

Code

C++ | Auto

```cpp
class Solution {
public:
    void sortColors(vector<int>& nums) {
        int low = 0, mid = 0;
        int high = nums.size() - 1;
        while (mid <= high) {
            if (nums[mid] == 0) {
                swap(nums[low], nums[mid]);
                low++;
                mid++;
            }
            else if (nums[mid] == 1) {
```

Saved | Ln 7, Col 36

Testcase | Test Result

Accepted Runtime: 0 ms

Case 1 | Case 2

Input

nums =
[2,0,2,1,1,0]

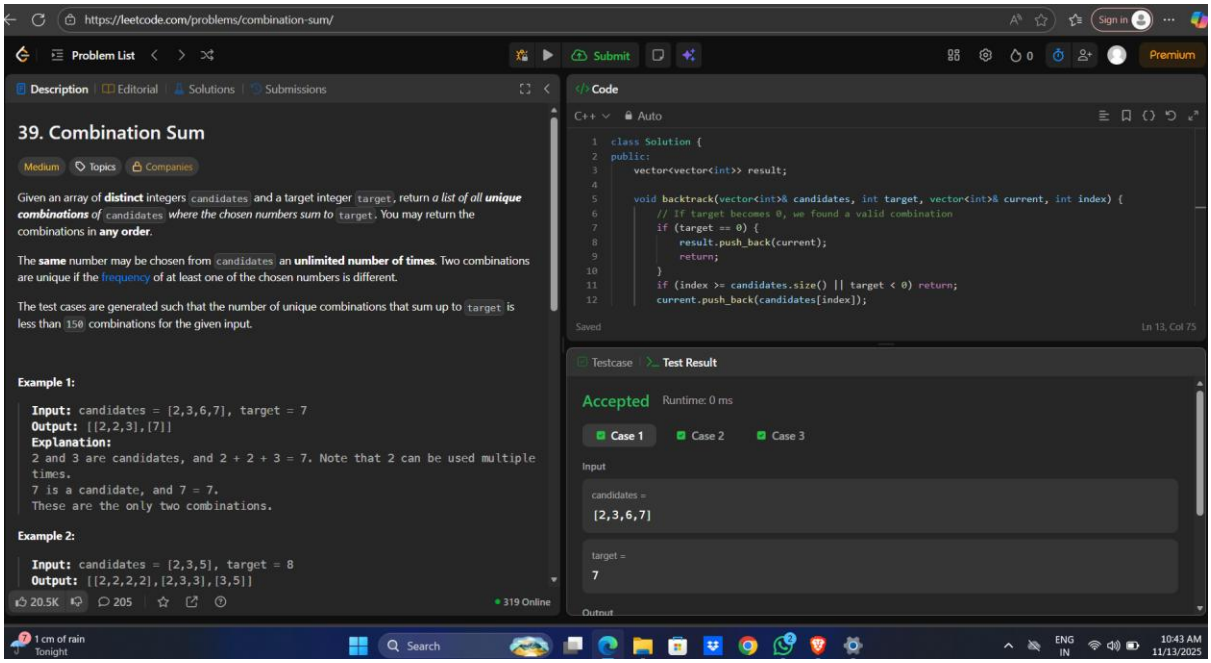
Output

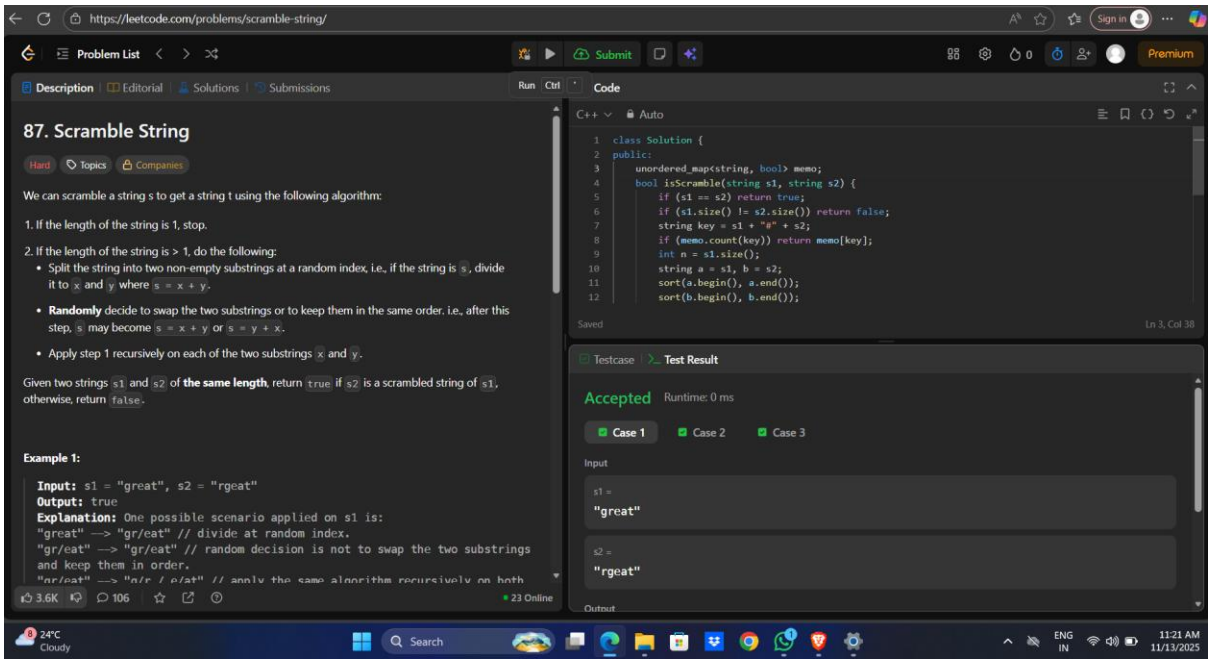
[0,0,1,1,2,2]

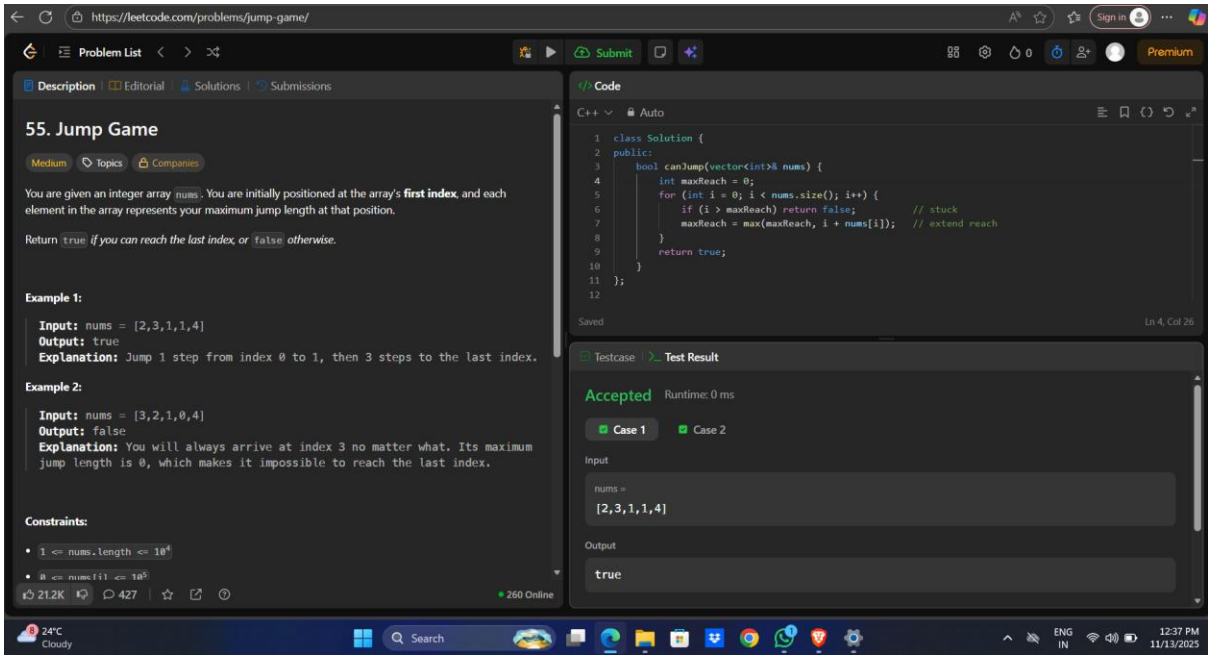
25°C Cloudy

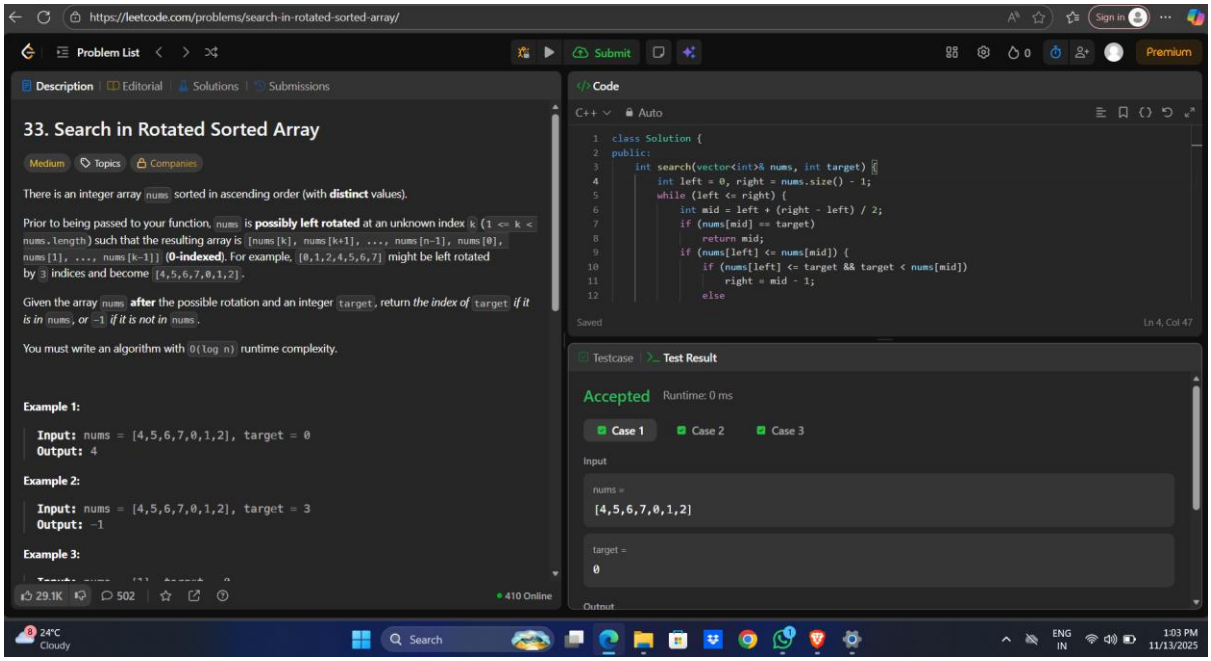
Search

ENG IN 10:08 AM 11/13/2025


https://leetcode.com/problems/combination-sum/
Problem List
Submit
Premium
Description | Editorial | Solutions | Submissions
39. Combination Sum
Medium
Topics
Companies
Given an array of distinct integers candidates and a target integer target, return a list of all unique combinations of candidates where the chosen numbers sum to target. You may return the combinations in any order.
The same number may be chosen from candidates an unlimited number of times. Two combinations are unique if the frequency of at least one of the chosen numbers is different.
The test cases are generated such that the number of unique combinations that sum up to target is less than 150 combinations for the given input.
Example 1:
Input: candidates = [2,3,6,7], target = 7
Output: [[2,2,3],[7]]
Explanation:
2 and 3 are candidates, and 2 + 2 + 3 = 7. Note that 2 can be used multiple times.
7 is a candidate, and 7 = 7.
These are the only two combinations.
Example 2:
Input: candidates = [2,3,5], target = 8
Output: [[2,2,2,2],[2,3,3],[3,5]]
20.5K
205
319 Online
Code
C++
Auto
class Solution {
public:
vector<vector<int>> result;
void backtrack(vector<int>& candidates, int target, vector<int>& current, int index) {
// If target becomes 0, we found a valid combination
if (target == 0) {
result.push_back(current);
return;
}
if (index >= candidates.size() || target < 0) return;
current.push_back(candidates[index]);
Saved
Ln 13, Col 75
Testcase
Test Result
Accepted
Runtime: 0 ms
Case 1
Case 2
Case 3
Input
candidates =
[2,3,6,7]
target =
7
Output
1 cm of rain
Tonight
Search
ENG
IN
10:43 AM
11/13/2025


https://leetcode.com/problems/scramble-string/
Problem List
Submit
Premium
Description | Editorial | Solutions | Submissions
Run Ctrl '
87. Scramble String
Hard
Topics
Companies
We can scramble a string s to get a string t using the following algorithm:
1. If the length of the string is 1, stop.
2. If the length of the string is > 1, do the following:
• Split the string into two non-empty substrings at a random index, i.e., if the string is s, divide it to x and y where s = x + y.
• Randomly decide to swap the two substrings or to keep them in the same order. i.e., after this step, s may become s = x + y or s = y + x.
• Apply step 1 recursively on each of the two substrings x and y.
Given two strings s1 and s2 of the same length, return true if s2 is a scrambled string of s1, otherwise, return false.
Example 1:
Input: s1 = "great", s2 = "rgeat"
Output: true
Explanation: One possible scenario applied on s1 is:
"great" --> "gr/eat" // divide at random index.
"gr/eat" --> "gr/eat" // random decision is not to swap the two substrings and keep them in order.
3.6K
106
23 Online
Code
C++
Auto
class Solution {
public:
unordered_map<string, bool> memo;
bool isScramble(string s1, string s2) {
if (s1 == s2) return true;
if (s1.size() != s2.size()) return false;
string key = s1 + "#" + s2;
if (memo.count(key)) return memo[key];
int n = s1.size();
string a = s1, b = s2;
sort(a.begin(), a.end());
sort(b.begin(), b.end());
Saved
Ln 3, Col 38
Testcase
Test Result
Accepted
Runtime: 0 ms
Case 1
Case 2
Case 3
Input
s1 =
"great"
s2 =
"rgeat"
Output
24°C
Cloudy
Search
ENG
IN
11:21 AM
11/13/2025


https://leetcode.com/problems/jump-game/
Problem List
Submit
Premium
Description
Editorial
Solutions
Submissions
55. Jump Game
Medium
Topics
Companies
You are given an integer array nums. You are initially positioned at the array's first index, and each element in the array represents your maximum jump length at that position.
Return true if you can reach the last index, or false otherwise.
Example 1:
Input: nums = [2,3,1,1,4]
Output: true
Explanation: Jump 1 step from index 0 to 1, then 3 steps to the last index.
Example 2:
Input: nums = [3,2,1,0,4]
Output: false
Explanation: You will always arrive at index 3 no matter what. Its maximum jump length is 0, which makes it impossible to reach the last index.
Constraints:
1 <= nums.length <= 10^4
21.2K
427
260 Online
Code
C++
Auto
class Solution {
public:
bool canJump(vector<int>& nums) {
int maxReach = 0;
for (int i = 0; i < nums.size(); i++) {
if (i > maxReach) return false; // stuck
maxReach = max(maxReach, i + nums[i]); // extend reach
}
return true;
}
};
Saved
Ln 4, Col 26
Testcase
Test Result
Accepted
Runtime: 0 ms
Case 1
Case 2
Input
nums =
[2,3,1,1,4]
Output
true
24°C
Cloudy
Search
ENG
IN
12:37 PM
11/13/2025


https://leetcode.com/problems/search-in-rotated-sorted-array/
Problem List
Submit
Premium
Description
Editorial
Solutions
Submissions
33. Search in Rotated Sorted Array
Medium
Topics
Companies
There is an integer array nums sorted in ascending order (with distinct values).
Prior to being passed to your function, nums is possibly left rotated at an unknown index k (1 <= k < nums.length) such that the resulting array is [nums[k], nums[k+1], ..., nums[n-1], nums[0], nums[1], ..., nums[k-1]] (0-indexed). For example, [0,1,2,4,5,6,7] might be left rotated by 3 indices and become [4,5,6,7,0,1,2].
Given the array nums after the possible rotation and an integer target, return the index of target if it is in nums, or -1 if it is not in nums.
You must write an algorithm with O(log n) runtime complexity.
Example 1:
Input: nums = [4,5,6,7,0,1,2], target = 0
Output: 4
Example 2:
Input: nums = [4,5,6,7,0,1,2], target = 3
Output: -1
Example 3:
29.1K
502
410 Online
Code
C++
Auto
class Solution {
public:
int search(vector<int>& nums, int target) {
int left = 0, right = nums.size() - 1;
while (left <= right) {
int mid = left + (right - left) / 2;
if (nums[mid] == target)
return mid;
if (nums[left] <= nums[mid]) {
if (nums[left] <= target && target < nums[mid])
right = mid - 1;
else
Saved
Ln 4, Col 47
Testcase
Test Result
Accepted
Runtime: 0 ms
Case 1
Case 2
Case 3
Input
nums =
[4,5,6,7,0,1,2]
target =
0
Output
24°C
Cloudy
Search
ENG
IN
1:03 PM
11/13/2025

https://leetcode.com/problems/multiply-strings/

Problem List | Submit | Premium

Description | Editorial | Solutions | Submissions

43. Multiply Strings

Medium | Topics | Companies

Given two non-negative integers `num1` and `num2` represented as strings, return the product of `num1` and `num2`, also represented as a string.

Note: You must not use any built-in BigInteger library or convert the inputs to integer directly.

Example 1:

```
Input: num1 = "2", num2 = "3"
Output: "6"
```

Example 2:

```
Input: num1 = "123", num2 = "456"
Output: "56088"
```

Constraints:

- `1 <= num1.length, num2.length <= 200`
- `num1` and `num2` consist of digits only.
- Both `num1` and `num2` do not contain any leading zero, except the number `0` itself.

7.6K | 209 | 88 Online

Code

C++ | Auto

```cpp
class Solution {
public:
    string multiply(string num1, string num2) {
        if (num1 == "0" || num2 == "0") return "0";
        int n1 = num1.size();
        int n2 = num2.size();
        vector<int> result(n1 + n2, 0);
        for (int i = n1 - 1; i >= 0; i--) {
            for (int j = n2 - 1; j >= 0; j--) {
                int product = (num1[i] - '0') * (num2[j] - '0');
                int sum = product + result[i + j + 1];
                result[i + j + 1] = sum % 10;
```

Saved | Ln 4, Col 52

Testcase | Test Result

Accepted Runtime: 0 ms

Case 1 | Case 2

Input

num1 =
"2"

num2 =
"3"

Output

24°C Cloudy | Search | ENG IN | 1:33 PM 11/13/2025

https://leetcode.com/problems/path-sum/

Problem List | Submit | Premium

Description | Editorial | Solutions | Submissions

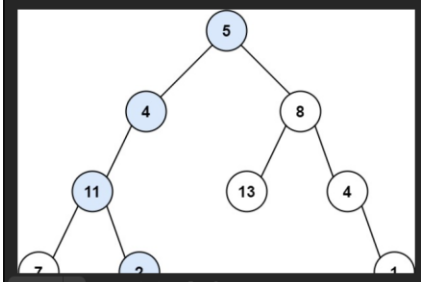
112. Path Sum

Easy | Topics | Companies

Given the `root` of a binary tree and an integer `targetSum`, return `true` if the tree has a **root-to-leaf** path such that adding up all the values along the path equals `targetSum`.

A **leaf** is a node with no children.

Example 1:



10.5K | 150 | 106 Online

Code

C++ | Auto

```cpp
class Solution {
public:
    bool hasPathSum(TreeNode* root, int targetSum) {
        if (!root) return false;
        if (!root->left && !root->right)
            return targetSum == root->val;
        return hasPathSum(root->left, targetSum - root->val) ||
               hasPathSum(root->right, targetSum - root->val);
    }
};
```

Saved | Ln 4, Col 33

Testcase | Test Result

Accepted Runtime: 0 ms

Case 1 | Case 2 | Case 3

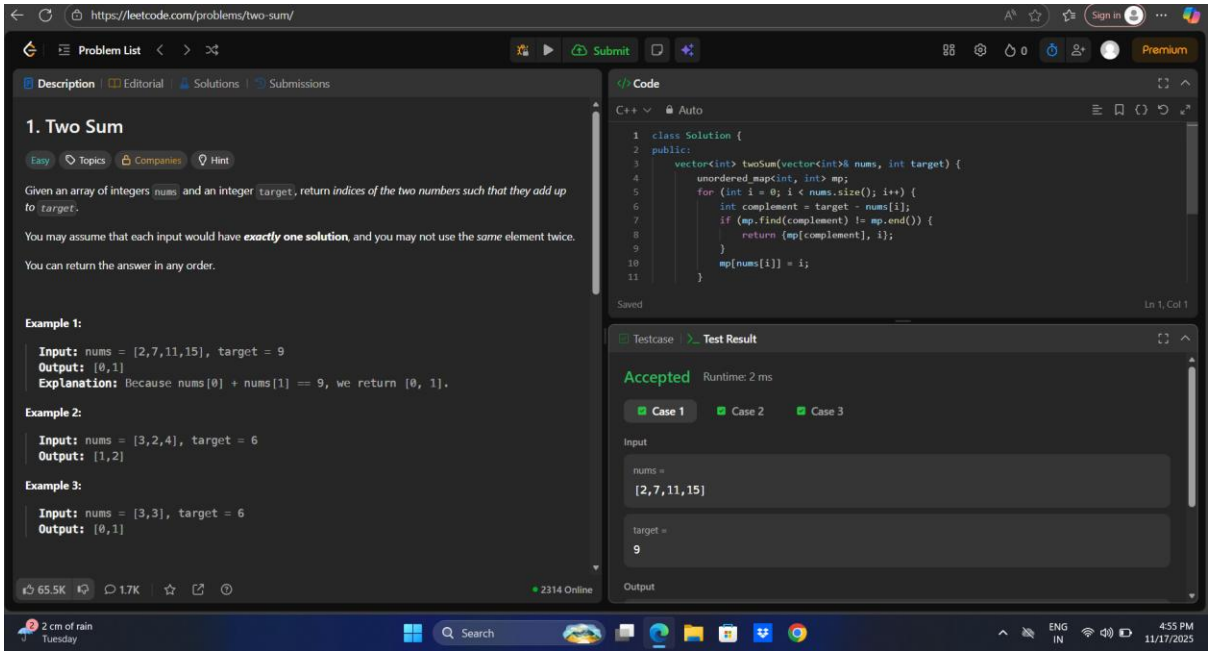
Input

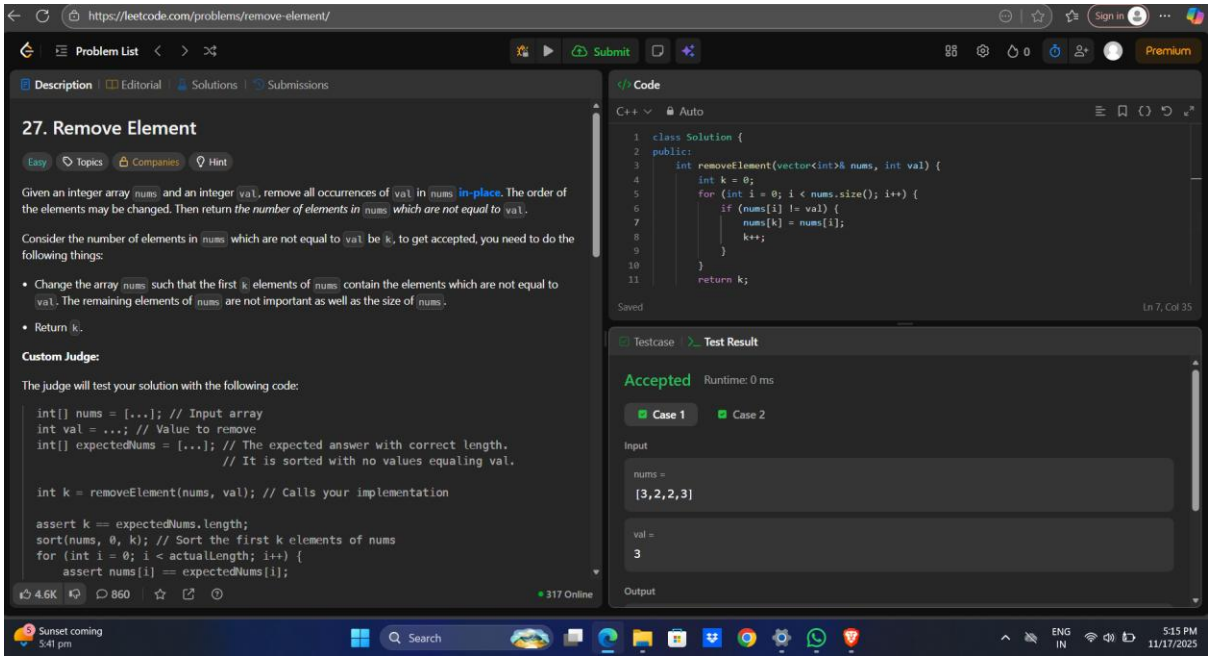
root =
[5,4,8,11,null,13,4,7,2,null,null,null,1]

targetSum =
22

Output

24°C Cloudy | Search | ENG IN | 2:01 PM 11/13/2025


https://leetcode.com/problems/two-sum/
Problem List
Submit
Premium
Description | Editorial | Solutions | Submissions
1. Two Sum
Easy Topics Companies Hint
Given an array of integers nums and an integer target, return indices of the two numbers such that they add up to target.
You may assume that each input would have exactly one solution, and you may not use the same element twice.
You can return the answer in any order.
Example 1:
Input: nums = [2,7,11,15], target = 9
Output: [0,1]
Explanation: Because nums[0] + nums[1] == 9, we return [0, 1].
Example 2:
Input: nums = [3,2,4], target = 6
Output: [1,2]
Example 3:
Input: nums = [3,3], target = 6
Output: [0,1]
65.5K 1.7K
2314 Online
Code
C++ Auto
class Solution {
public:
vector<int> twoSum(vector<int>& nums, int target) {
unordered_map<int, int> mp;
for (int i = 0; i < nums.size(); i++) {
int complement = target - nums[i];
if (mp.find(complement) != mp.end()) {
return {mp[complement], i};
}
mp[nums[i]] = i;
}
Saved
Ln 1, Col 1
Testcase Test Result
Accepted Runtime: 2 ms
Case 1 Case 2 Case 3
Input
nums =
[2,7,11,15]
target =
9
Output
2 cm of rain
Tuesday
Search
ENG
IN
4:55 PM
11/17/2025


https://leetcode.com/problems/remove-element/
Problem List
Submit
Premium
Description | Editorial | Solutions | Submissions
27. Remove Element
Easy Topics Companies Hint
Given an integer array nums and an integer val, remove all occurrences of val in nums in-place. The order of the elements may be changed. Then return the number of elements in nums which are not equal to val.
Consider the number of elements in nums which are not equal to val be k, to get accepted, you need to do the following things:
Change the array nums such that the first k elements of nums contain the elements which are not equal to val. The remaining elements of nums are not important as well as the size of nums.
Return k.
Custom Judge:
The judge will test your solution with the following code:
int[] nums = [...]; // Input array
int val = ...; // Value to remove
int[] expectedNums = [...]; // The expected answer with correct length.
// It is sorted with no values equaling val.
int k = removeElement(nums, val); // Calls your implementation
assert k == expectedNums.length;
sort(nums, 0, k); // Sort the first k elements of nums
for (int i = 0; i < actualLength; i++) {
assert nums[i] == expectedNums[i];
4.6K 860
317 Online
Code
C++ Auto
class Solution {
public:
int removeElement(vector<int>& nums, int val) {
int k = 0;
for (int i = 0; i < nums.size(); i++) {
if (nums[i] != val) {
nums[k] = nums[i];
k++;
}
}
return k;
Saved
Ln 7, Col 35
Testcase Test Result
Accepted Runtime: 0 ms
Case 1 Case 2
Input
nums =
[3,2,2,3]
val =
3
Output
Sunset coming
5:41 pm
Search
ENG
IN
5:15 PM
11/17/2025

https://leetcode.com/problems/add-binary/

Problem List | Submit | Premium

Description | Editorial | Solutions | Submissions

67. Add Binary

Easy | Topics | Companies

Given two binary strings `a` and `b`, return *their sum as a binary string.*

Example 1:

```
Input: a = "11", b = "1"
Output: "100"
```

Example 2:

```
Input: a = "1010", b = "1011"
Output: "10101"
```

Constraints:

- `1 <= a.length, b.length <= 10^4`
- `a` and `b` consist only of `'0'` or `'1'` characters.
- Each string does not contain leading zeros except for the zero itself.

10.3K | 269 | 119 Online

Code

C++ | Auto

```cpp
class Solution {
public:
    string addBinary(string a, string b) {
        string result = "";
        int i = a.size() - 1;
        int j = b.size() - 1;
        int carry = 0;
        while (i >= 0 || j >= 0 || carry) {
            int sum = carry;
            if (i >= 0) sum += a[i--] - '0';
            if (j >= 0) sum += b[j--] - '0';
```

Saved | Ln 7, Col 23

Testcase | Test Result

Accepted Runtime: 0 ms

Case 1 | Case 2

Input

a =
"11"

b =
"1"

Output

Rain warning In effect | Search | ENG IN | 5:37 PM 11/17/2025

https://leetcode.com/problems/symmetric-tree/

Problem List | Submit | Premium

Description | Editorial | Solutions | Submissions

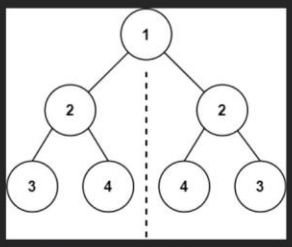
101. Symmetric Tree

Solved

Easy | Topics | Companies

Given the `root` of a binary tree, *check whether it is a mirror of itself* (i.e., symmetric around its center).

Example 1:




```
Input: root = [1,2,2,3,4,4,3]
Output: true
```

Example 2:

16.5K | 271 | 109 Online

Code

C++ | Auto

```cpp
class Solution {
public:
    bool isMirror(TreeNode* left, TreeNode* right) {
        if (!left && !right) return true;
        if (!left || !right) return false;
        return (left->val == right->val) &&
               isMirror(left->left, right->right) &&
               isMirror(left->right, right->left);
    }
    bool isSymmetric(TreeNode* root) {
        if (!root) return true;
```

Saved | Ln 1, Col 1

Testcase | Test Result

Accepted Runtime: 0 ms

Case 1 | Case 2

Input

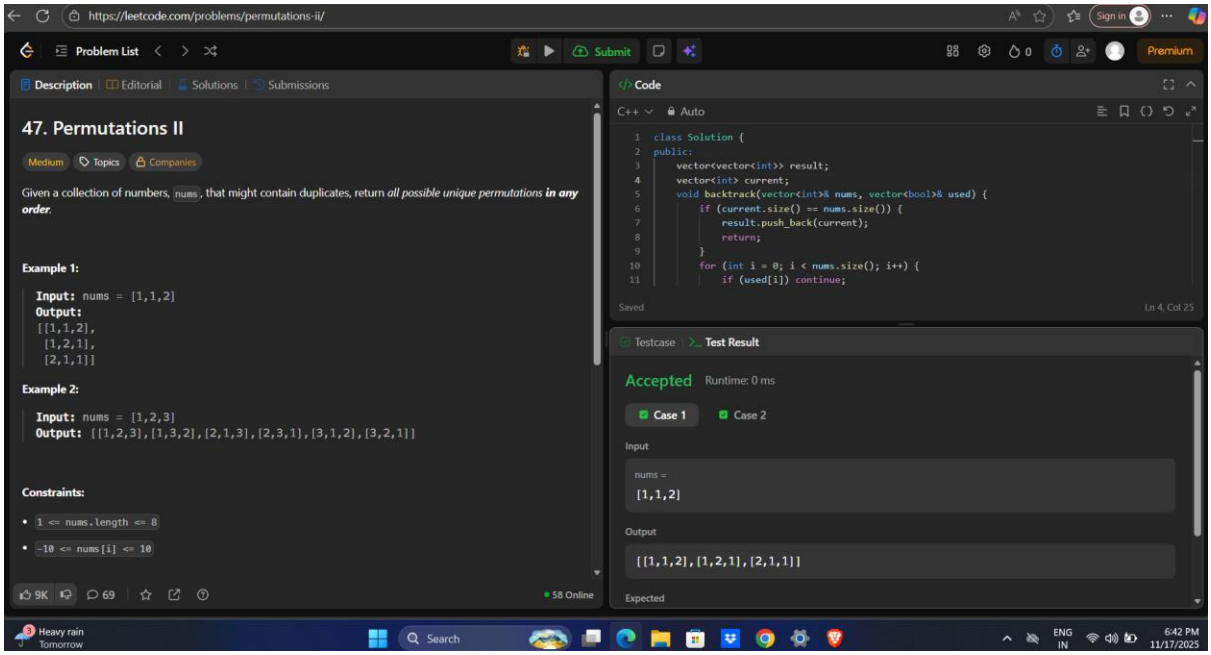
root =
[1,2,2,3,4,4,3]

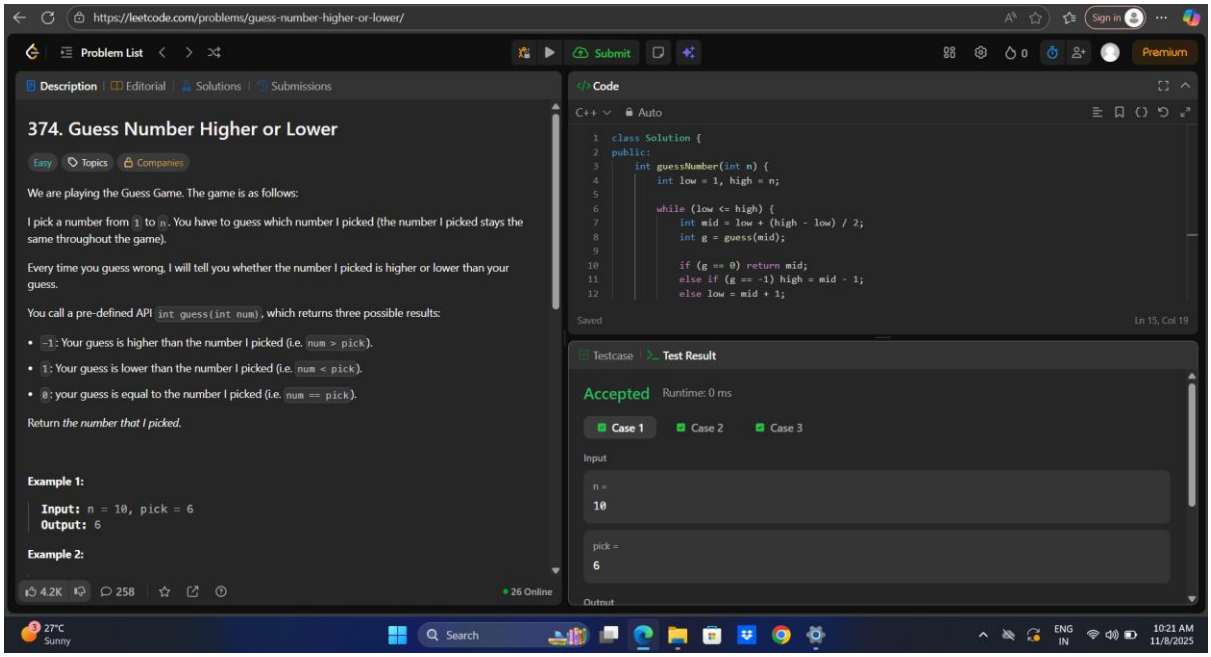
Output

true

Expected

Rainy days ahead 26°C | Search | ENG IN | 6:15 PM 11/17/2025


https://leetcode.com/problems/permutations-ii/
Problem List
Submit
Premium
Description
Editorial
Solutions
Submissions
47. Permutations II
Medium
Topics
Companies
Given a collection of numbers, nums, that might contain duplicates, return all possible unique permutations in any order.
Example 1:
Input: nums = [1,1,2]
Output:
[[1,1,2],
[1,2,1],
[2,1,1]]
Example 2:
Input: nums = [1,2,3]
Output: [[1,2,3],[1,3,2],[2,1,3],[2,3,1],[3,1,2],[3,2,1]]
Constraints:
1 <= nums.length <= 8
-10 <= nums[i] <= 10
9K
69
58 Online
Code
C++
Auto
class Solution {
public:
vector<vector<int>> result;
vector<int> current;
void backtrack(vector<int>& nums, vector<bool>& used) {
if (current.size() == nums.size()) {
result.push_back(current);
return;
}
for (int i = 0; i < nums.size(); i++) {
if (used[i]) continue;
Saved
Ln 4, Col 25
Testcase
Test Result
Accepted
Runtime: 0 ms
Case 1
Case 2
Input
nums =
[1,1,2]
Output
[[1,1,2],[1,2,1],[2,1,1]]
Expected
Heavy rain
Tomorrow
Search
ENG
IN
6:42 PM
11/17/2025


https://leetcode.com/problems/guess-number-higher-or-lower/
Problem List
Submit
Premium
Description
Editorial
Solutions
Submissions
374. Guess Number Higher or Lower
Easy
Topics
Companies
We are playing the Guess Game. The game is as follows:
I pick a number from 1 to n. You have to guess which number I picked (the number I picked stays the same throughout the game).
Every time you guess wrong, I will tell you whether the number I picked is higher or lower than your guess.
You call a pre-defined API int guess(int num), which returns three possible results:
-1: Your guess is higher than the number I picked (i.e. num > pick).
1: Your guess is lower than the number I picked (i.e. num < pick).
0: your guess is equal to the number I picked (i.e. num == pick).
Return the number that I picked.
Example 1:
Input: n = 10, pick = 6
Output: 6
Example 2:
4.2K
258
26 Online
Code
C++
Auto
class Solution {
public:
int guessNumber(int n) {
int low = 1, high = n;
while (low <= high) {
int mid = low + (high - low) / 2;
int g = guess(mid);
if (g == 0) return mid;
else if (g == -1) high = mid - 1;
else low = mid + 1;
Saved
Ln 15, Col 19
Testcase
Test Result
Accepted
Runtime: 0 ms
Case 1
Case 2
Case 3
Input
n =
10
pick =
6
Output
27°C
Sunny
Search
ENG
IN
10:21 AM
11/8/2025

https://leetcode.com/problems/4sum/

Problem List | Submit | Premium

Description | Editorial | Solutions | Submissions

18. 4Sum

Medium | Topics | Companies

Given an array `nums` of `n` integers, return *an array of all the* ***unique*** *quadruplets* `[nums[a], nums[b], nums[c], nums[d]]` such that:

- `0 <= a, b, c, d < n`
- `a`, `b`, `c`, and `d` are **distinct**.
- `nums[a] + nums[b] + nums[c] + nums[d] == target`

You may return the answer in **any order**.

Example 1:

```
Input: nums = [1,0,-1,0,-2,2], target = 0
Output: [[-2,-1,1,2],[-2,0,0,2],[-1,0,0,1]]
```

Example 2:

```
Input: nums = [2,2,2,2,2], target = 8
Output: [[2,2,2,2]]
```

Constraints:

12.5K | 351 | 146 Online

Run Ctrl ' Code

C++ | Auto

```cpp
class Solution {
public:
    vector<vector<int>> fourSum(vector<int>& nums, int target) {
        vector<vector<int>> res;
        int n = nums.size();

        sort(nums.begin(), nums.end());

        for (int i = 0; i < n; i++) {
            if (i > 0 && nums[i] == nums[i - 1]) continue;

            for (int j = i + 1; j < n; j++) {
```

Saved | Ln 42, Col 1

Testcase | Test Result

Accepted Runtime: 0 ms

Case 1 | Case 2

Input

nums =
[1,0,-1,0,-2,2]

target =
0

Output

27°C Sunny | Search | ENG IN | 10:41 AM 11/8/2025

https://leetcode.com/problems/linked-list-cycle/

Problem List | Submit | Premium

Description | Editorial | Solutions | Submissions

141. Linked List Cycle

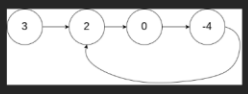
Easy | Topics | Companies

Given `head`, the head of a linked list, determine if the linked list has a cycle in it.

There is a cycle in a linked list if there is some node in the list that can be reached again by continuously following the `next` pointer. Internally, `pos` is used to denote the index of the node that tail's `next` pointer is connected to. **Note that `pos` is not passed as a parameter.**

Return `true` *if there is a cycle in the linked list*. Otherwise, return `false`.

Example 1:




```
Input: head = [3,2,0,-4], pos = 1
Output: true
Explanation: There is a cycle in the linked list, where the tail connects
to the 1st node (0-indexed).
```

Example 2:

17.1K | 461 | 210 Online

Run Ctrl ' Code

C++ | Auto

```cpp
class Solution {
public:
    bool hasCycle(ListNode *head) {
        if (!head || !head->next) return false;

        ListNode* slow = head;
        ListNode* fast = head;

        while (fast && fast->next) {
            slow = slow->next;
            fast = fast->next->next;
```

Saved | Ln 19, Col 1

Testcase | Test Result

Accepted Runtime: 2 ms

Case 1 | Case 2 | Case 3

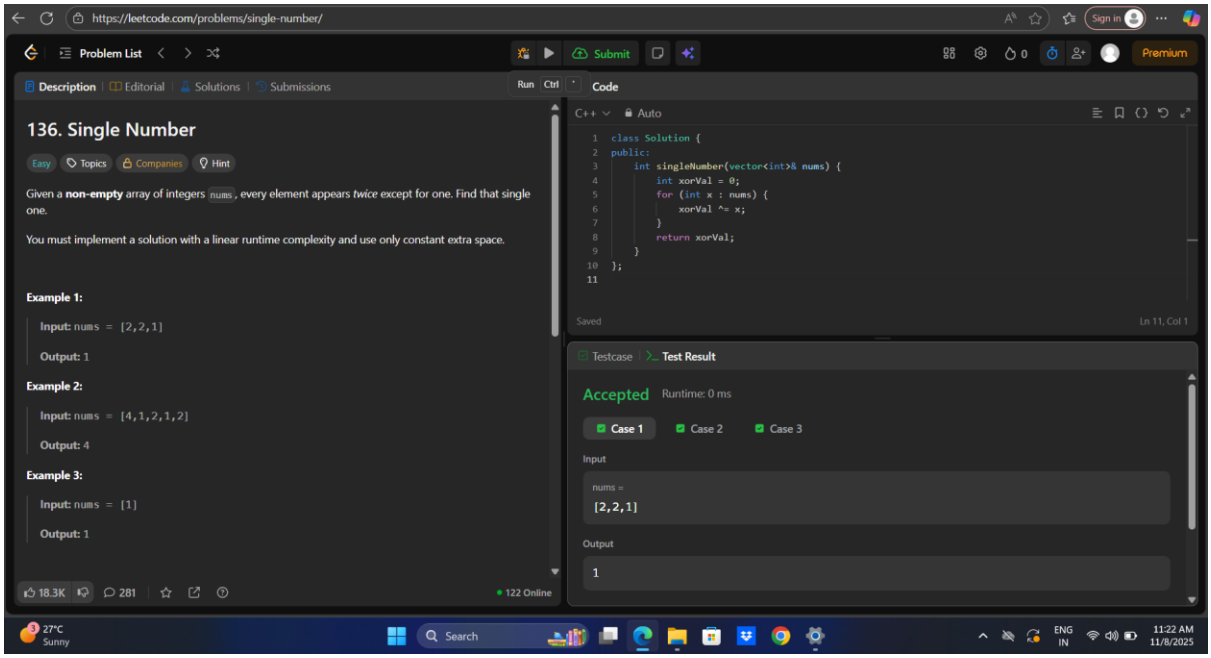
Input

head =
[3,2,0,-4]

pos =
1

Output

27°C Sunny | Search | ENG IN | 11:03 AM 11/8/2025


https://leetcode.com/problems/single-number/
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Premium
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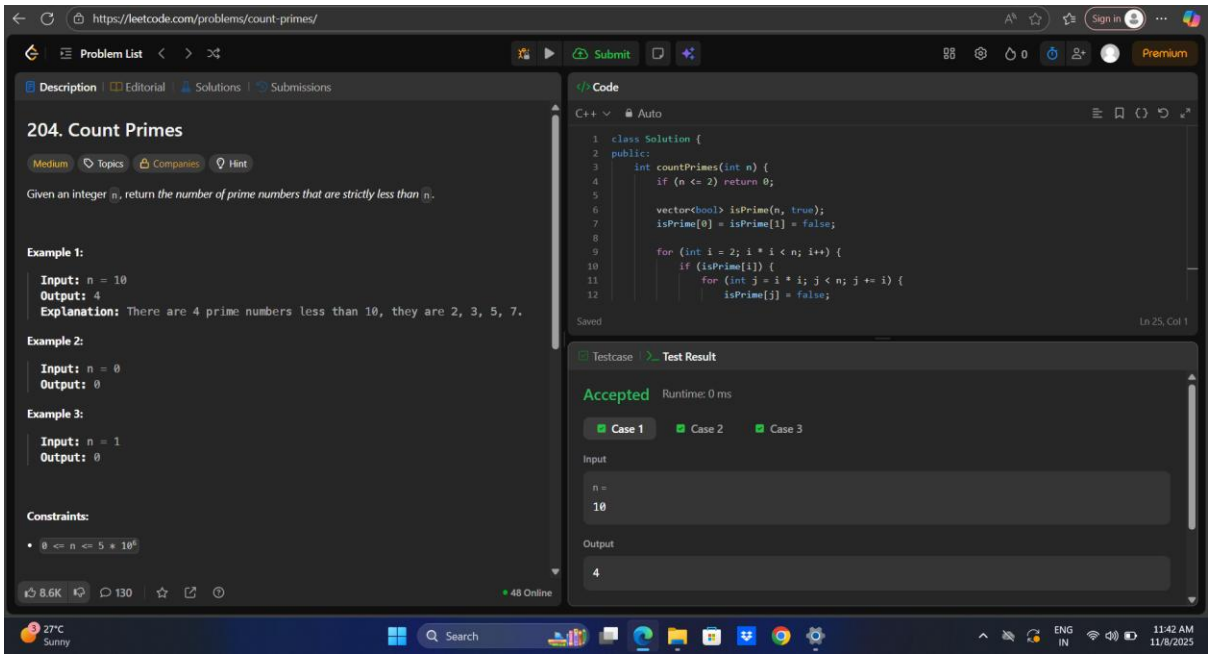
Code
136. Single Number
Easy
Topics
Companies
Hint
Given a non-empty array of integers nums, every element appears twice except for one. Find that single one.
You must implement a solution with a linear runtime complexity and use only constant extra space.
Example 1:
Input: nums = [2,2,1]
Output: 1
Example 2:
Input: nums = [4,1,2,1,2]
Output: 4
Example 3:
Input: nums = [1]
Output: 1
C++
Auto
class Solution {
public:
int singleNumber(vector<int>& nums) {
int xorVal = 0;
for (int x : nums) {
xorVal ^= x;
}
return xorVal;
}
};
Saved
Ln 11, Col 1
Testcase
Test Result
Accepted
Runtime: 0 ms
Case 1
Case 2
Case 3
Input
nums =
[2,2,1]
Output
1
18.3K
281
122 Online
27°C
Sunny
Search
ENG
IN
11:22 AM
11/8/2025


https://leetcode.com/problems/count-primes/
Problem List
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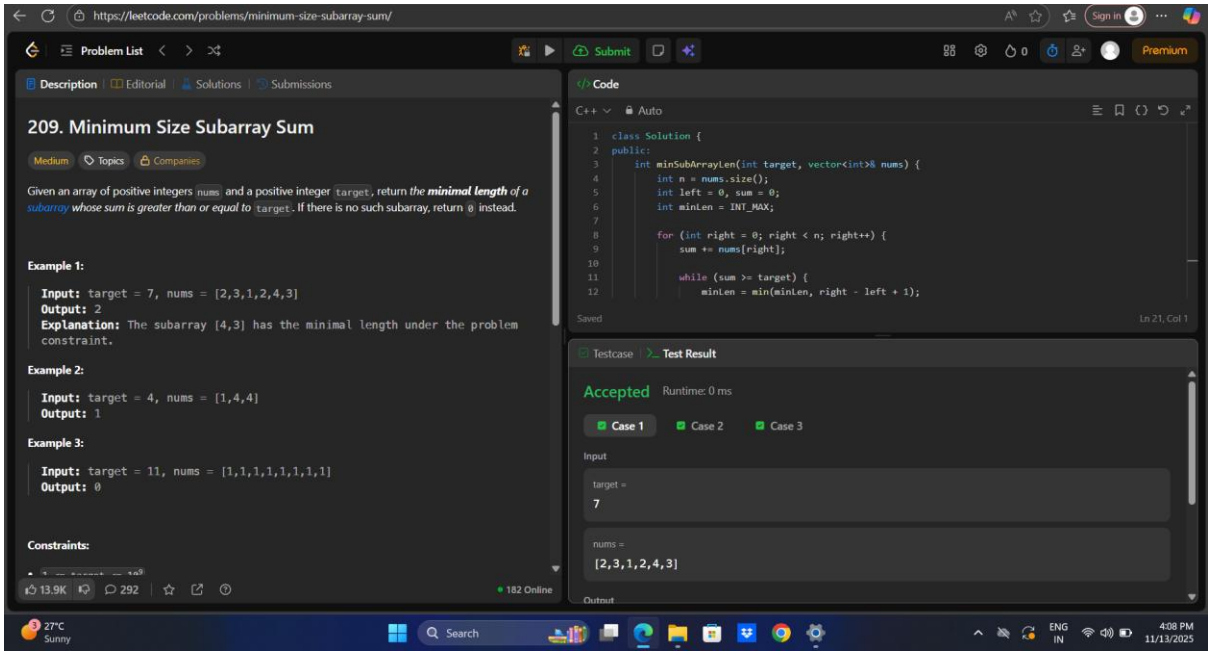
Code
204. Count Primes
Medium
Topics
Companies
Hint
Given an integer n, return the number of prime numbers that are strictly less than n.
Example 1:
Input: n = 10
Output: 4
Explanation: There are 4 prime numbers less than 10, they are 2, 3, 5, 7.
Example 2:
Input: n = 0
Output: 0
Example 3:
Input: n = 1
Output: 0
Constraints:
0 <= n <= 5 * 10^6
C++
Auto
class Solution {
public:
int countPrimes(int n) {
if (n <= 2) return 0;
vector<bool> isPrime(n, true);
isPrime[0] = isPrime[1] = false;
for (int i = 2; i * i < n; i++) {
if (isPrime[i]) {
for (int j = i * i; j < n; j += i) {
isPrime[j] = false;
Saved
Ln 25, Col 1
Testcase
Test Result
Accepted
Runtime: 0 ms
Case 1
Case 2
Case 3
Input
n =
10
Output
4
8.6K
130
48 Online
27°C
Sunny
Search
ENG
IN
11:42 AM
11/8/2025


https://leetcode.com/problems/minimum-size-subarray-sum/
Problem List
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Premium
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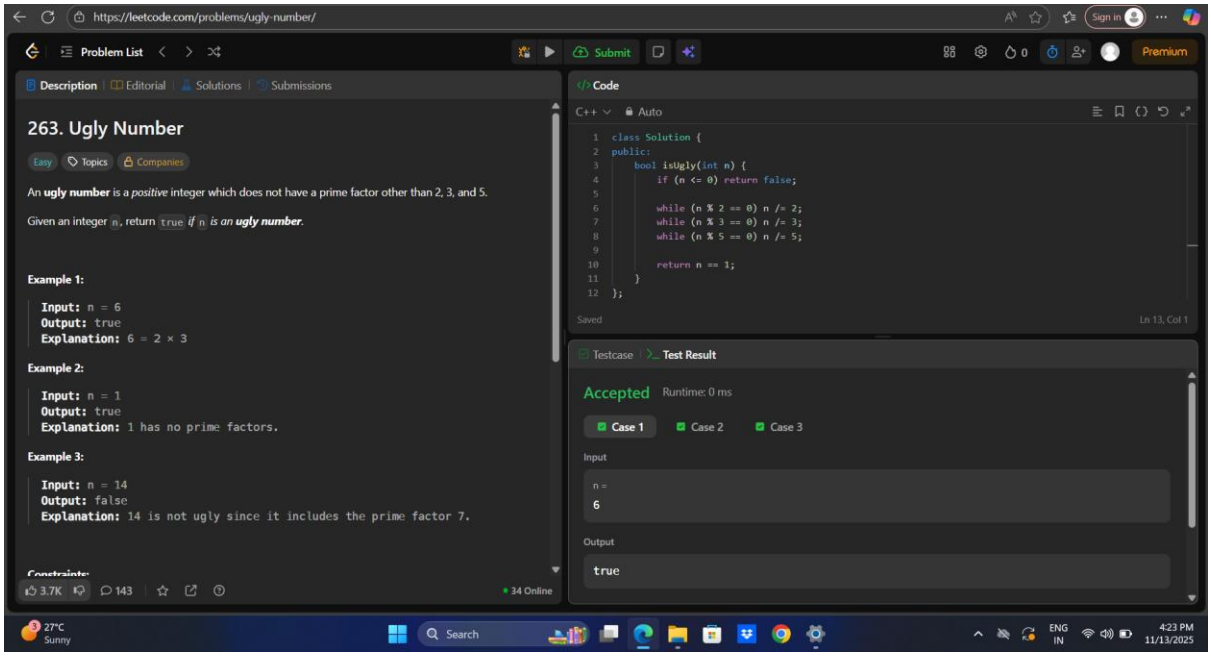
Submissions
209. Minimum Size Subarray Sum
Medium
Topics
Companies
Given an array of positive integers nums and a positive integer target, return the minimal length of a subarray whose sum is greater than or equal to target. If there is no such subarray, return 0 instead.
Example 1:
Input: target = 7, nums = [2,3,1,2,4,3]
Output: 2
Explanation: The subarray [4,3] has the minimal length under the problem constraint.
Example 2:
Input: target = 4, nums = [1,4,4]
Output: 1
Example 3:
Input: target = 11, nums = [1,1,1,1,1,1,1,1]
Output: 0
Constraints:
13.9K
292
182 Online
Code
C++
Auto
class Solution {
public:
int minSubArrayLen(int target, vector<int>& nums) {
int n = nums.size();
int left = 0, sum = 0;
int minLen = INT_MAX;
for (int right = 0; right < n; right++) {
sum += nums[right];
while (sum >= target) {
minLen = min(minLen, right - left + 1);
Saved
Ln 21, Col 1
Testcase
Test Result
Accepted
Runtime: 0 ms
Case 1
Case 2
Case 3
Input
target =
7
nums =
[2,3,1,2,4,3]
Output
27°C
Sunny
Search
ENG
IN
4:08 PM
11/13/2025


https://leetcode.com/problems/ugly-number/
Problem List
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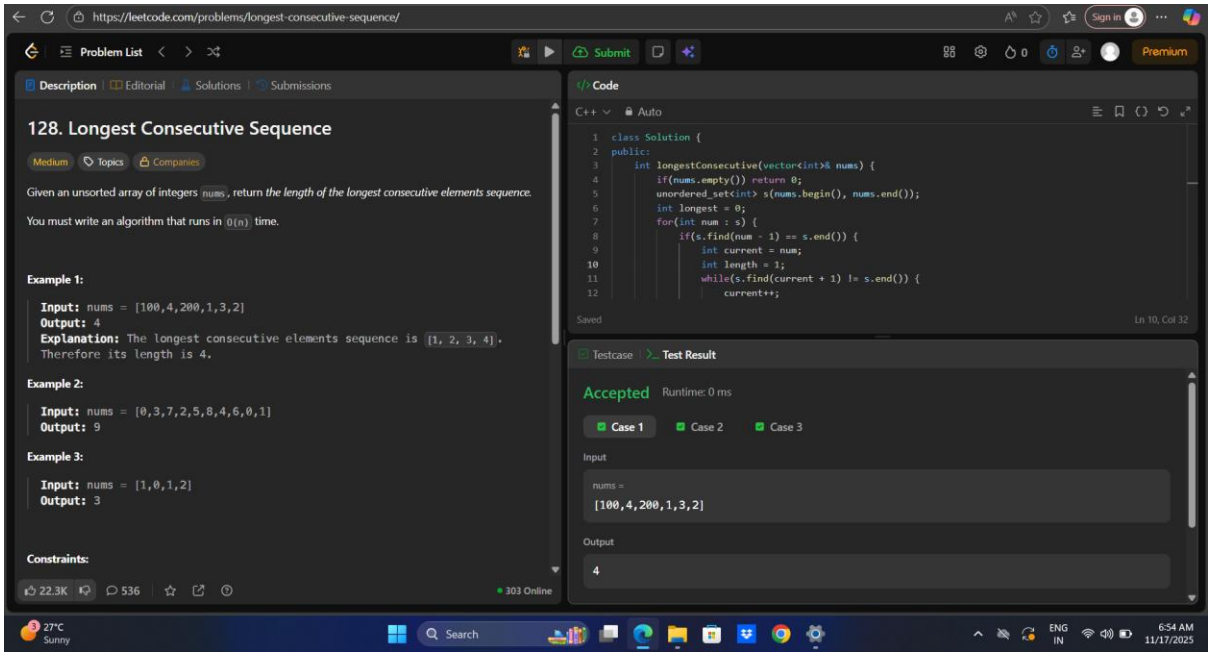
Submissions
263. Ugly Number
Easy
Topics
Companies
An ugly number is a positive integer which does not have a prime factor other than 2, 3, and 5.
Given an integer n, return true if n is an ugly number.
Example 1:
Input: n = 6
Output: true
Explanation: 6 = 2 × 3
Example 2:
Input: n = 1
Output: true
Explanation: 1 has no prime factors.
Example 3:
Input: n = 14
Output: false
Explanation: 14 is not ugly since it includes the prime factor 7.
Constraints:
3.7K
143
34 Online
Code
C++
Auto
class Solution {
public:
bool isUgly(int n) {
if (n <= 0) return false;
while (n % 2 == 0) n /= 2;
while (n % 3 == 0) n /= 3;
while (n % 5 == 0) n /= 5;
return n == 1;
}
};
Saved
Ln 13, Col 1
Testcase
Test Result
Accepted
Runtime: 0 ms
Case 1
Case 2
Case 3
Input
n =
6
Output
true
27°C
Sunny
Search
ENG
IN
4:23 PM
11/13/2025


https://leetcode.com/problems/longest-consecutive-sequence/
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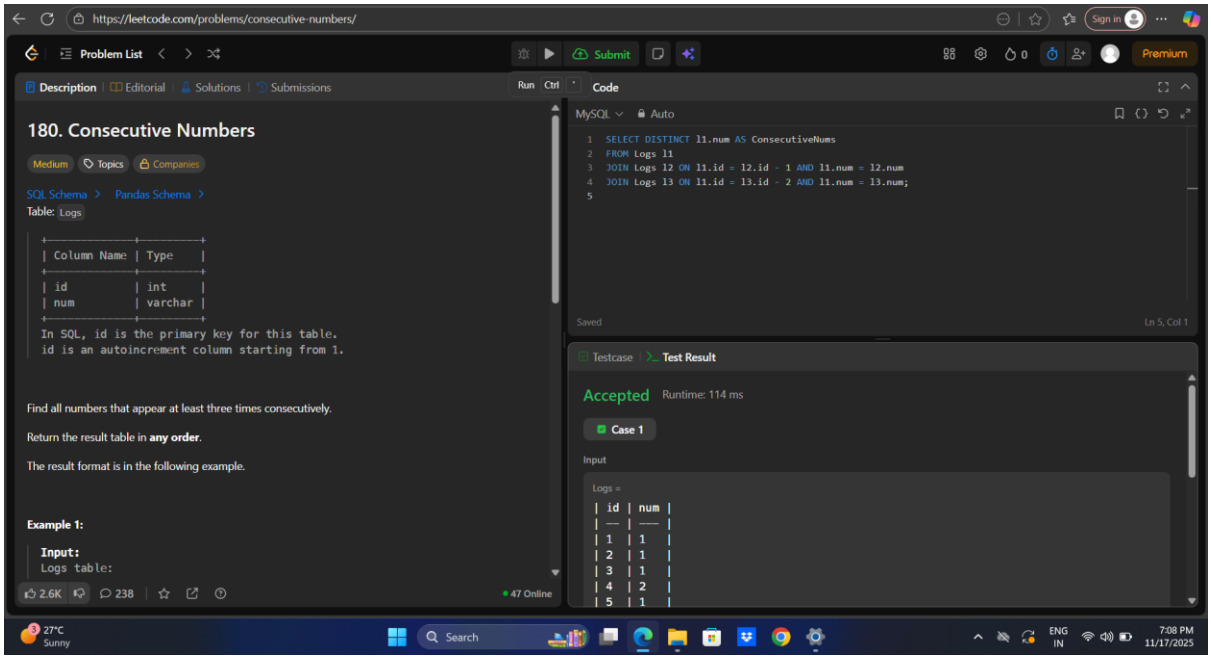
Submissions
128. Longest Consecutive Sequence
Medium
Topics
Companies
Given an unsorted array of integers nums, return the length of the longest consecutive elements sequence.
You must write an algorithm that runs in O(n) time.
Example 1:
Input: nums = [100,4,200,1,3,2]
Output: 4
Explanation: The longest consecutive elements sequence is [1, 2, 3, 4]. Therefore its length is 4.
Example 2:
Input: nums = [0,3,7,2,5,8,4,6,0,1]
Output: 9
Example 3:
Input: nums = [1,0,1,2]
Output: 3
Constraints:
22.3K
536
303 Online
Code
C++
Auto
class Solution {
public:
int longestConsecutive(vector<int>& nums) {
if(nums.empty()) return 0;
unordered_set<int> s(nums.begin(), nums.end());
int longest = 0;
for(int num : s) {
if(s.find(num - 1) == s.end()) {
int current = num;
int length = 1;
while(s.find(current + 1) != s.end()) {
current++;
Saved
Ln 10, Col 32
Testcase
Test Result
Accepted
Runtime: 0 ms
Case 1
Case 2
Case 3
Input
nums =
[100,4,200,1,3,2]
Output
4
27°C
Sunny
Search
ENG
IN
6:54 AM
11/17/2025


https://leetcode.com/problems/consecutive-numbers/
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Ctrl
Code
180. Consecutive Numbers
Medium
Topics
Companies
SQL Schema
Pandas Schema
Table: Logs
+-------------+---------+
| Column Name | Type |
+-------------+---------+
| id | int |
| num | varchar |
+-------------+---------+
In SQL, id is the primary key for this table.
id is an autoincrement column starting from 1.
Find all numbers that appear at least three times consecutively.
Return the result table in any order.
The result format is in the following example.
Example 1:
Input:
Logs table:
2.6K
238
47 Online
MySQL
Auto
SELECT DISTINCT l1.num AS ConsecutiveNums
FROM Logs l1
JOIN Logs l2 ON l1.id = l2.id - 1 AND l1.num = l2.num
JOIN Logs l3 ON l1.id = l3.id - 2 AND l1.num = l3.num;
Saved
Ln 5, Col 1
Testcase
Test Result
Accepted
Runtime: 114 ms
Case 1
Input
Logs =
id	num
1	1
2	1
3	1
4	2
5	1
27°C
Sunny
Search
ENG
IN
7:08 PM
11/17/2025

https://leetcode.com/problems/binary-tree-right-side-view/

Problem List | Submit | Premium

Description | Editorial | Solutions | Submissions

199. Binary Tree Right Side View

Medium | Topics | Companies

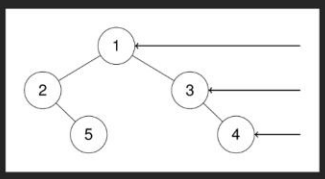
Given the `root` of a binary tree, imagine yourself standing on the **right side** of it, return *the values of the nodes you can see ordered from top to bottom.*

Example 1:

Input: `root = [1,2,3,null,5,null,4]`

Output: `[1,3,4]`

Explanation:



Example 2:

13.1K | 315 | 148 Online

Code

C++ | Auto

```cpp
class Solution {
public:
    vector<int> rightSideView(TreeNode* root) {
        vector<int> result;
        if (!root) return result;

        queue<TreeNode*> q;
        q.push(root);

        while (!q.empty()) {
            int size = q.size();
            int rightMost;
```

Saved | Ln 18, Col 39

Testcase | Test Result

Accepted Runtime: 0 ms

Case 1 | Case 2 | Case 3 | Case 4

Input

root =
`[1,2,3,null,5,null,4]`

Output

`[1,3,4]`

27°C Sunny | Search | ENG IN | 7:26 PM 11/17/2025

https://leetcode.com/problems/implement-stack-using-queues/

Problem List | Submit | Premium

Description | Editorial | Solutions | Submissions

225. Implement Stack using Queues

Easy | Topics | Companies

Implement a last-in-first-out (LIFO) stack using only two queues. The implemented stack should support all the functions of a normal stack (`push`, `top`, `pop`, and `empty`).

Implement the `MyStack` class:

- `void push(int x)` Pushes element x to the top of the stack.
- `int pop()` Removes the element on the top of the stack and returns it.
- `int top()` Returns the element on the top of the stack.
- `boolean empty()` Returns `true` if the stack is empty, `false` otherwise.

Notes:

- You must use **only** standard operations of a queue, which means that only `push to back`, `peek/pop from front`, `size` and `is empty` operations are valid.
- Depending on your language, the queue may not be supported natively. You may simulate a queue using a list or deque (double-ended queue) as long as you use only a queue's standard operations.

Example 1:

```
Input
["MyStack", "push", "push", "top", "pop", "empty"]
```

6.8K | 97 | 47 Online

Code

C++ | Auto

```cpp
class MyStack {
public:
    queue<int> q1, q2;
    MyStack() { }
    void push(int x) {
        q1.push(x);
    }
    int pop() {
        int res = 0;
        while (q1.size() > 1) {
            q2.push(q1.front());
            q1.pop();
```

Saved | Ln 7, Col 6

Testcase | Test Result

Accepted Runtime: 0 ms

Case 1

Input

`["MyStack","push","push","top","pop","empty"]`

`[[],[1],[2],[],[],[]]`

Output

`[null,null,null,2,2,false]`

27°C Sunny | Search | ENG IN | 7:42 PM 11/17/2025

https://leetcode.com/problems/validate-binary-search-tree/

Problem List | Submit | Premium

Description | Editorial | Solutions | Submissions

98. Validate Binary Search Tree

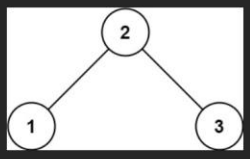
Medium | Topics | Companies

Given the `root` of a binary tree, *determine if it is a valid binary search tree (BST).*

A **valid BST** is defined as follows:

- The left subtree of a node contains only nodes with keys **strictly less than** the node's key.
- The right subtree of a node contains only nodes with keys **strictly greater than** the node's key.
- Both the left and right subtrees must also be binary search trees.

Example 1:



Input: root = [2,1,3]
Output: true

18.1K | 307 | 162 Online

Run Ctrl `

Code

C++ | Auto

```
class Solution {
public:
    bool validate(TreeNode* node, long minVal, long maxVal) {
        if (!node) return true;

        if (node->val <= minVal || node->val >= maxVal)
            return false;

        return validate(node->left, minVal, node->val) &&
               validate(node->right, node->val, maxVal);
    }

```

Saved | Ln 17, Col 1

Testcase | Test Result

Accepted Runtime: 0 ms

Case 1 | Case 2

Input

root =
[2,1,3]

Output

true

27°C Sunny | Search | ENG IN | 7:59 PM 11/17/2025