

leetcode.com/problems/convert-sorted-array-to-binary-search-tree/submissions/1575344040/

Problem List < > >>

Description Accepted Editorial Solutions Submissions

All Submissions

Accepted 31 / 31 testcases passed
Rudra submitted at Mar 16, 2025 11:37

Runtime 0 ms | Beats 100.00%
Memory 43.34 MB | Beats 43.78%

100% 50% 0% 0ms 1ms 2ms 3ms 4ms

Code | Java

```
public class TreeNode {
    int val;
    TreeNode left;
    TreeNode right;
    TreeNode() {}
    TreeNode(int val) { this.val = val; }
    TreeNode(int val, TreeNode left, TreeNode right) {
        this.val = val;
        this.left = left;
        this.right = right;
    }
}
```

Code

```
1 public class TreeNode {
2     int val;
3     TreeNode left;
4     TreeNode right;
5     TreeNode() {}
6     TreeNode(int val) { this.val = val; }
7     TreeNode(int val, TreeNode left, TreeNode right) {
8         this.val = val;
9         this.left = left;
10        this.right = right;
11    }
12 }
13
14 class Solution {
15     public TreeNode sortedArrayToBST(int[] nums) {
```

Testcase Test Result

Accepted Runtime: 0 ms

Case 1 Case 2

Input

nums = [-10, -3, 0, 5, 9]

Output

Problem List < > >>

Description Accepted Editorial Solutions Submissions

All Submissions

Accepted 598 / 598 testcases passed
Rudra submitted at Mar 16, 2025 11:38

Runtime 0 ms | Beats 100.00%
Memory 41.56 MB | Beats 8.02%

100% 50% 0% 0ms 1ms 2ms 3ms 4ms

Code

```
1 public class Solution {
2     // you need to treat n as an unsigned value
3     public int hammingWeight(int n) {
4         int ans = 0;
5         while (n != 0) {
6             n = (n & -n);
7             ++ans;
8         }
9         return ans;
10    }
11 }
```

Testcase Test Result

Accepted Runtime: 0 ms

Case 1 Case 2

Input

Output

Problem List < > >>

Description Accepted Editorial Solutions Submissions

All Submissions

Accepted 21 / 21 testcases passed
Rudra submitted at Mar 16, 2025 11:46

Runtime 1057 ms | Beats 44.53%
Memory 21.16 MB | Beats 65.22%

100% 50% 0% 0ms 1ms 2ms 3ms 4ms

Code

```
1 class Solution(object):
2     def sortArray(self, nums):
3         if len(nums) <= 1:
4             return nums
5         mid = len(nums) // 2
6         left = self.sortArray(nums[:mid])
7         right = self.sortArray(nums[mid:])
8         return self.merge(left, right)
9     def merge(self, left, right):
```

Testcase Test Result

Accepted Runtime: 0 ms

Case 1 Case 2 Case 3

Input

Output

Problem List < > >>

Description Accepted Editorial Solutions Submissions

All Submissions

Accepted 210 / 210 testcases passed
Rudra submitted at Mar 16, 2025 11:48

Runtime 52 ms | Beats 80.04%
Memory 22.05 MB | Beats 17.44%

6% 4% 2% 0% 0ms 10ms 20ms 30ms 40ms 50ms 60ms 70ms 80ms 90ms 100ms 110ms 120ms

Code | Python

```
1 class Solution(object):
2     def maxSubArray(self, nums):
3         max_sum = nums[0]
4         current_sum = 0
5
6         for num in nums:
7             current_sum += num
8             max_sum = max(max_sum, current_sum)
9             if current_sum < 0:
10                 current_sum = 0
11
12         return max_sum
```

Testcase Test Result

Accepted Runtime: 0 ms

Case 1 Case 2 Case 3

Input

Output

Problem List < > Run Submit

Description Accepted Editorial Solutions Submissions

All Submissions

Accepted 38 / 38 testcases passed
Rudra submitted at Mar 16, 2025 11:51

Runtime 6 ms | Beats 21.15%
Memory 12.51 MB | Beats 65.38%

Analyze Complexity

Editorial Solution

```
1 class Solution(object):
2     def beautifulArray(self, n):
3         if n == 1:
4             return [1]
5
6         odd = [2 * x - 1 for x in self.beautifulArray((n + 1) // 2)]
7         even = [2 * x for x in self.beautifulArray(n // 2)]
8
9         return odd + even
```

Saved Ln 6, Col 69

Problem List < > Run Submit

Description Accepted Editorial Solutions Submissions

All Submissions

Accepted 57 / 57 testcases passed
Rudra submitted at Mar 16, 2025 12:09

Runtime 11 ms | Beats 69.81%
Memory 12.38 MB | Beats 91.19%

Analyze Complexity

Editorial Solution

```
1 class Solution(object):
2     def superPow(self, a, b):
3         MOD = 1337
4         num = int("".join(map(str, b)))
5         return pow(a, num, MOD)
```

Saved Ln 4, Col 40