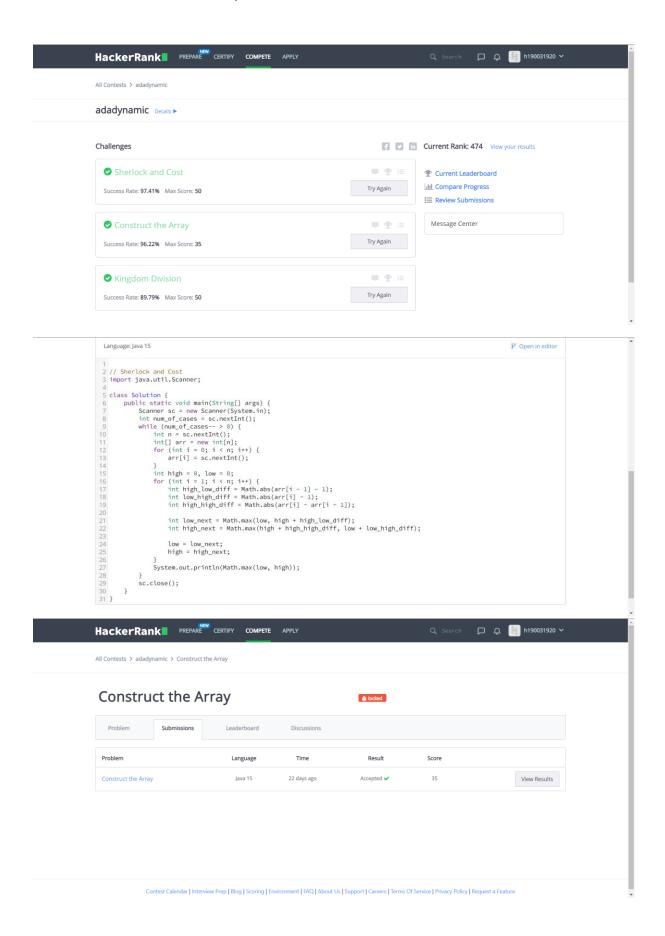
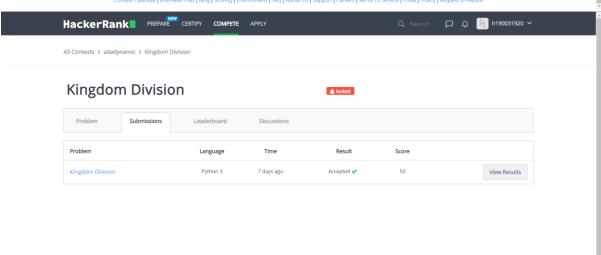
## 190031920 Nikhil Reddy Avuthu ADA Skill - 8



## Language: Java 15 Language: Java 15 proper java.util.Scanner; class Solution { public static final long MOD = 1\_000\_000\_007L; public static void main(String[] args) { Scanner sc = new Scanner(System.in); int n = sc.nextInt(); int k = sc.nextInt(); int x = sc.nextInt(); int y = sc.nextInt(); int x = sc.nex

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```
Language: Python 3

| import math | 2 import os | 3 import random | 4 import re | 5 import sys | 6 | 7 | 8 | def countColorings(root): | 9 | v = {} | 10 | for depth, node in d: | if lent([node]) == 0: | v([node, True]) = 1 | v([node, False)] == 0 | 14 | else: | cases = 1 | invalid = 1 | for child in t[node]: | cases ** v([child, False)] | invalid ** v([child, False)] | invalid ** v([child, False)] | v([node, True]) = cases | v([node], True]) | v([node, True]) = cases | v([node], True]) | v([node], T
```

```
else:

    g[road[1]] = {road[0]}

    global t

    t = {}

    global d

    d = []

    spanningTree(n // 2)

    d.sort(reverse=True)

    return countColorings(n // 2) % (10 ** 9 + 7)
                                                                            for _ in range(n-1):
    roads.append(list(map(int, input().rstrip().split())))
                                                                                                   Contest Calendar | Interview Prep | Blog | Scoring | Environment | FAQ | About Us | Support | Careers | Terms Of Service | Privacy Policy | Request a Feature
                                                                                                                                   Status Correct Answer ✔ Time 0.65 sec Solution 52183793
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                                                                                                                                                                Subtask Score: 100.00%
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                                                                                                                                                                                                                                                                                                                                            Total Score = 100.00%
                                                                                                                                    JAVA (HotSpot Buil2)

| Java til.*;
| import java.util.*;
| import java.lang.;
| import java.
                                                                                                                                                                                                                                                                                                                                                                         0 ± / 0

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