1. brute force, enumerate two edges. $O(n^2)$.
2. $O(n \log^2 U)$ or $O(n \log U)$, using presistent trie and mergable segment tree. divide into several cases. see my article https://leetcode.cn/problems/minimum-score-after-removals-on-a-tree/solution/bi-on2geng-kuai-de-yi-xie-suan-fa-by-hqz-lew0/.

Minimum Score After Removals on a Tree
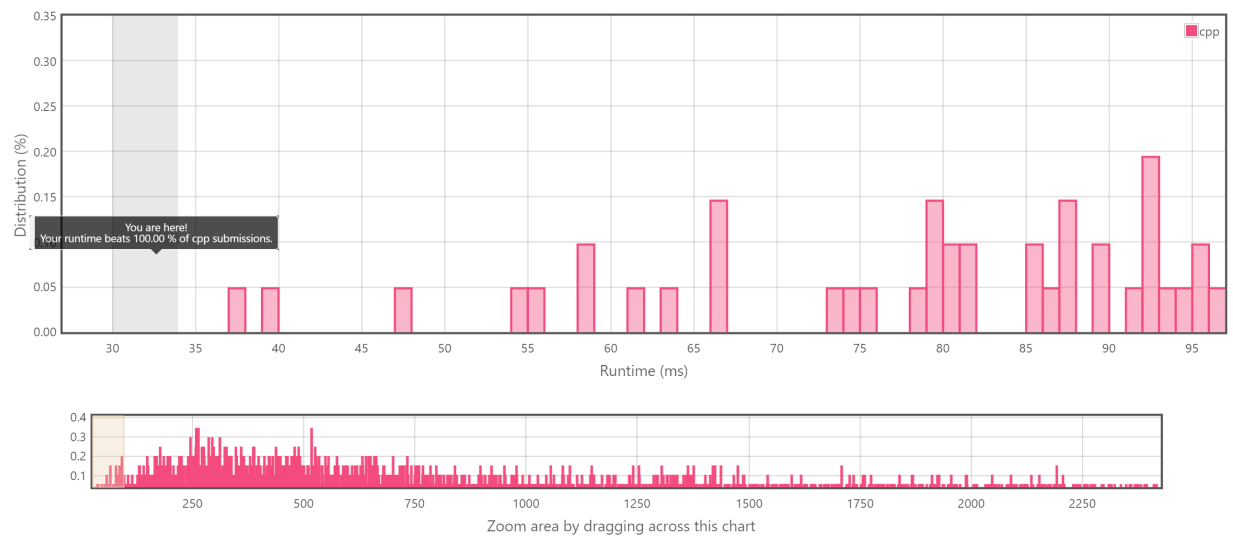
Submission Detail

65 / 65 test cases passed.

Runtime: **32 ms**
Memory Usage: **17.1 MB**

Status: **Accepted**

Submitted: **0 minutes ago**

Accepted Solutions Runtime Distribution

References