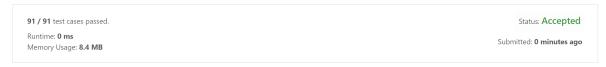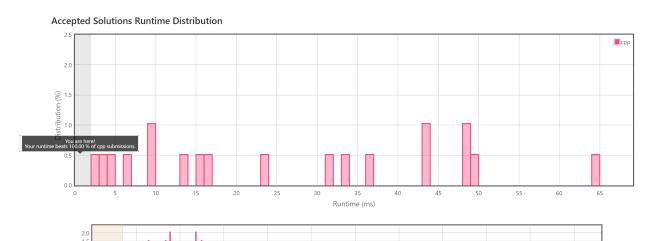This problem is NP-hard, via a reduction from maximum independent set.

There are algorithms with running time $O(2^{cn})$, where $c < 1$ is a constant. See my article https://leetcode-cn.com/problems/maximum-good-people-based-on-statements/solution/geng-kuai-de-o1619nfu-za-du-de-zuo-fa-by-bbb8/.

References