Couples Holding Hands (/problems/couples-holding-hands/)
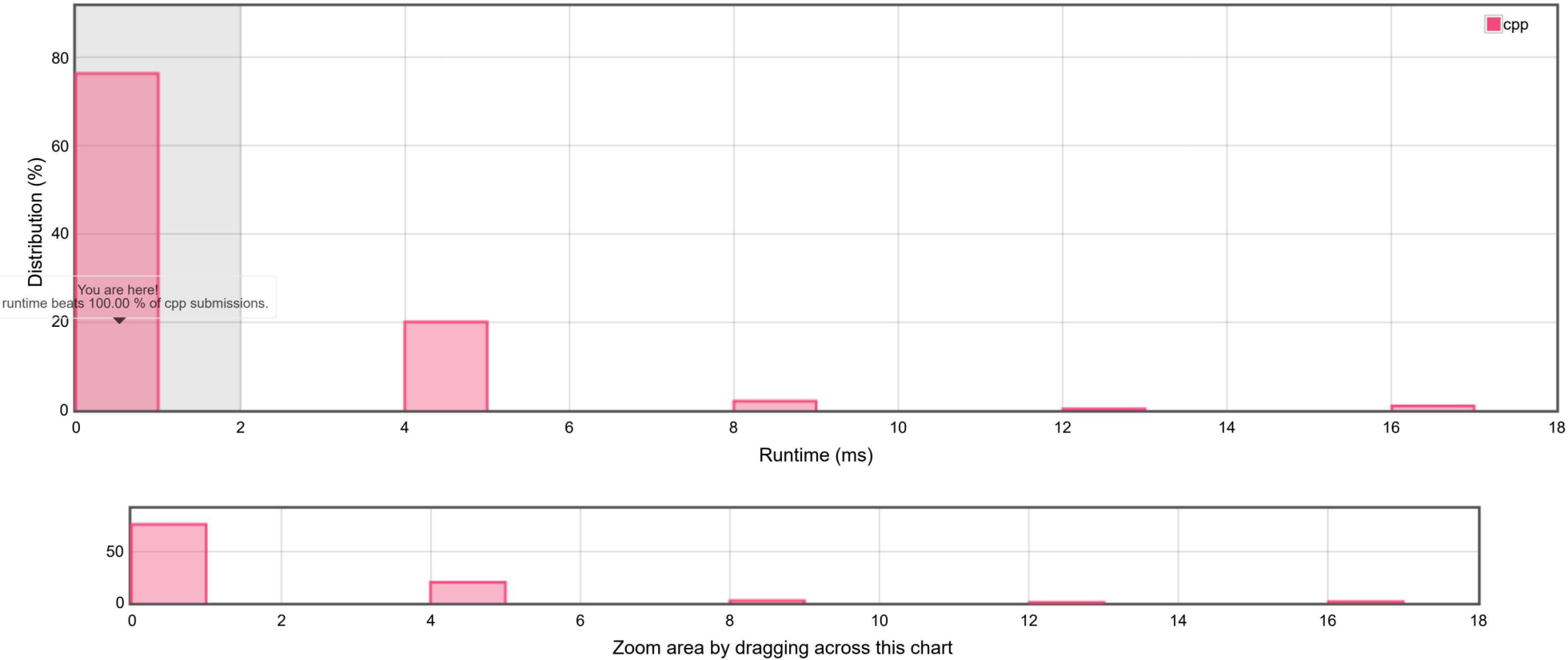
Submission Detail

56 / 56 test cases passed.

Runtime: **0 ms**

Status: Accepted

Submitted: **40 minutes ago**

Accepted Solutions Runtime Distribution

Invite friends to challenge **Couples Holding Hands**

Submitted Code: 40 minutes ago

Language: cpp

Edit Code

```cpp
class Solution {
public:
    int minSwapsCouples(vector<int>& row) {

        int count = 0;
        for (int i = 0; i < row.size() - 1; i += 2) {
            if (!isCouple(row[i], row[i + 1])) {
                for (int j = i + 2; j < row.size(); j++) {
                    if (isCouple(row[i], row[j])) {
                        int tmp = row[i + 1];
                        row[i + 1] = row[j];
                        row[j] = tmp;
                        break;
                    }
                }
                count++;
            }
        }
        return count;

    }

    bool isCouple(int a, int b) {

        return (b - a == 1) && !(a % 2) || (a - b == 1) && a % 2;

    }

};
```