

Problem 2347: Best Poker Hand

Problem Information

Difficulty: Easy

Acceptance Rate: 61.47%

Paid Only: No

Tags: Array, Hash Table, Counting

Problem Description

You are given an integer array `ranks` and a character array `suits`. You have `5` cards where the `ith` card has a rank of `ranks[i]` and a suit of `suits[i]`.

The following are the types of **poker hands** you can make from best to worst:

1. `"Flush"`: Five cards of the same suit.
2. `"Three of a Kind"`: Three cards of the same rank.
3. `"Pair"`: Two cards of the same rank.
4. `"High Card"`: Any single card.

Return _a string representing the**best** type of **poker hand** you can make with the given cards._

Note that the return values are **case-sensitive**.

Example 1:

Input: ranks = [13,2,3,1,9], suits = ["a","a","a","a","a"] **Output:** "Flush" **Explanation:**
The hand with all the cards consists of 5 cards with the same suit, so we have a "Flush".

Example 2:

Input: ranks = [4,4,2,4,4], suits = ["d","a","a","b","c"] **Output:** "Three of a Kind" **Explanation:**
The hand with the first, second, and fourth card consists of 3 cards with the same rank, so we have a "Three of a Kind". Note that we could also make a "Pair" hand but "Three of a Kind" is a better hand. Also note that other cards could be used to make the "Three of a Kind" hand.

****Example 3:****

****Input:**** ranks = [10,10,2,12,9], suits = ["a","b","c","a","d"] ****Output:**** "Pair" ****Explanation:**** The hand with the first and second card consists of 2 cards with the same rank, so we have a "Pair". Note that we cannot make a "Flush" or a "Three of a Kind".

****Constraints:****

* `ranks.length == suits.length == 5` * `1 <= ranks[i] <= 13` * `'a' <= suits[i] <= 'd'` * No two cards have the same rank and suit.

Code Snippets

C++:

```
class Solution {  
public:  
    string bestHand(vector<int>& ranks, vector<char>& suits) {  
  
    }  
};
```

Java:

```
class Solution {  
public String bestHand(int[] ranks, char[] suits) {  
  
}  
}
```

Python3:

```
class Solution:  
    def bestHand(self, ranks: List[int], suits: List[str]) -> str:
```