Problem 1054: Distant Barcodes

Problem Information

Difficulty: Medium
Acceptance Rate: 48.24%
Paid Only: No
Tags: Array, Hash Table, Greedy, Sorting, Heap (Priority Queue), Counting

Problem Description

In a warehouse, there is a row of barcodes, where the `ith` barcode is `barcodes[i]`.

Rearrange the barcodes so that no two adjacent barcodes are equal. You may return any answer, and it is guaranteed an answer exists.

Example 1:

Input: barcodes = [1,1,1,2,2,2] **Output:** [2,1,2,1,2,1]

Example 2:

Input: barcodes = [1,1,1,1,2,2,3,3] **Output:** [1,3,1,3,1,2,1,2]

Constraints:

* `1 <= barcodes.length <= 10000` * `1 <= barcodes[i] <= 10000`

Code Snippets

C++:

```
class Solution {
public:
vector<int> rearrangeBarcodes(vector<int>& barcodes) {
```

```
    }
};
```

Java:

```java
class Solution {
public int[] rearrangeBarcodes(int[] barcodes) {


}
}
```

Python3:

```python
class Solution:
def rearrangeBarcodes(self, barcodes: List[int]) -> List[int]:
```