1246. Palindrome Removal

Hard 122 2 Add to List Share

Given an integer array `arr`, in one move you can select a **palindromic** subarray `arr[i], arr[i+1], ..., arr[j]` where `i <= j`, and remove that subarray from the given array. Note that after removing a subarray, the elements on the left and on the right of that subarray move to fill the gap left by the removal.

Return the minimum number of moves needed to remove all numbers from the array.

Example 1:

```
Input: arr = [1,2]
Output: 2
```

Example 2:

```
Input: arr = [1,3,4,1,5]
Output: 3
Explanation: Remove [4] then remove [1,3,1] then remove [5].
```

Constraints:

- `1 <= arr.length <= 100`
- `1 <= arr[i] <= 20`

Accepted 3,225 | Submissions 7,044

Python Autocomplete

```python
class Solution(object):
    def minimumMoves(self, arr):
        """
        :type arr: List[int]
        :rtype: int
        """

```