6257. Delete Greatest Value in Each Row

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User Accepted:	42
User Tried:	58
Total Accepted:	42
Total Submissions:	58
Difficulty:	Easy

You are given an `m x n` matrix `grid` consisting of positive integers.

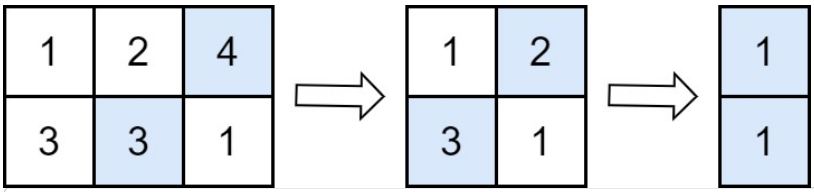
Perform the following operation until `grid` becomes empty:

- Delete the element with the greatest value from each row. If multiple such elements exist, delete any of them.
- Add the maximum of deleted elements to the answer.

Note that the number of columns decreases by one after each operation.

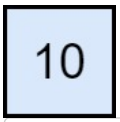
Return *the answer after performing the operations described above*.

Example 1:




```
Input: grid = [[1,2,4],[3,3,1]]
Output: 8
Explanation: The diagram above shows the removed values in each step.
- In the first operation, we remove 4 from the first row and 3 from the second row (notice that, there are two cells with valu
- In the second operation, we remove 2 from the first row and 3 from the second row. We add 3 to the answer.
- In the third operation, we remove 1 from the first row and 1 from the second row. We add 1 to the answer.
The final answer = 4 + 3 + 1 = 8.
```

Example 2:




```
Input: grid = [[10]]
Output: 10
Explanation: The diagram above shows the removed values in each step.
- In the first operation, we remove 10 from the first row. We add 10 to the answer.
The final answer = 10.
```

Constraints:

- `m == grid.length`
- `n == grid[i].length`
- `1 <= m, n <= 50`
- `1 <= grid[i][j] <= 100`

JavaScript

```
const deleteGreatestValue = (g) => {
    let n = g.length, m = g[0].length, tot = m, res = 0;
    while (tot--) {
        let max = Number.MIN_SAFE_INTEGER;
        for (let i = 0; i < n; i++) {
            let rowMax = Math.max(...g[i]);
            for (let j = 0; j < m; j++) {
                if (g[i][j] == rowMax) {
                    g[i][j] = -1;
                    break;
                }
```

```
            }
            max = Math.max(max, rowMax);
        }
        res += max;
    }
    return res;
};
```

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