5683. Count Pairs Of Nodes

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User Accepted:	0
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Total Accepted:	0
Total Submissions:	0
Difficulty:	Hard

You are given an undirected graph represented by an integer `n`, which is the number of nodes, and `edges`, where `edges[i] = [$u_i$, $v_i$]` which indicates that there is an undirected edge between u_i and v_i. You are also given an integer array `queries`.

The answer to the j^{th} query is the number of pairs of nodes `(a, b)` that satisfy the following conditions:

- `a < b`
- `cnt` is **strictly greater** than `queries[j]`, where `cnt` is the number of edges incident to `a` **or** `b`.

Return an array `answers` such that `answers.length == queries.length` and `answers[j]` is the answer of the j^{th} query.

Note that there can be **repeated edges**.

Example 1:

The pair	Number of edges incident to at least one of the pair (cnt)
1,2	5
1,3	4
1,4	4
2,3	5
2,4	4
3,4	3

```
Input: n = 4, edges = [[1,2],[2,4],[1,3],[2,3],[2,1]], queries = [2,3]
Output: [6,5]
Explanation: The number of edges incident to at least one of each pair is shown above.
```

Example 2:

```
Input: n = 5, edges = [[1,5],[1,5],[3,4],[2,5],[1,3],[5,1],[2,3],[2,5]], queries = [1,2,3,4,5]
Output: [10,10,9,8,6]
```

Constraints:

- `2 <= n <= 2 * 10^4`
- `1 <= edges.length <= 10^5`
- `1 <= u_i, v_i <= n`
- `u_i != v_i`
- `1 <= queries.length <= 20`
- `0 <= queries[j] < edges.length`

TypeScript

```
function countPairs(n: number, edges: number[][], queries: number[]): number[] {

};
```