621. Task Scheduler

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Given a characters array `tasks`, representing the tasks a CPU needs to do, where each letter represents a different task. Tasks could be don

However, there is a non-negative integer `n` that represents the cooldown period between two **same tasks** (the same letter in the array), tha

Return *the least number of units of times that the CPU will take to finish all the given tasks*.

Example 1:

```
Input: tasks = ["A","A","A","B","B","B"], n = 2
Output: 8
Explanation:
A -> B -> idle -> A -> B -> idle -> A -> B
There is at least 2 units of time between any two same tasks.
```

Example 2:

```
Input: tasks = ["A","A","A","B","B","B"], n = 0
Output: 6
Explanation: On this case any permutation of size 6 would work since n = 0.
["A","A","A","B","B","B"]
["A","B","A","B","A","B"]
["B","B","B","A","A","A"]
...
And so on.
```

Example 3:

```
Input: tasks = ["A","A","A","A","A","A","B","C","D","E","F","G"], n = 2
Output: 16
Explanation:
One possible solution is
A -> B -> C -> A -> D -> E -> A -> F -> G -> A -> idle -> idle -> A -> idle -> idle -> A
```

Constraints:

- `1 <= task.length <= 10^4`
- `tasks[i]` is upper-case English letter.
- The integer `n` is in the range `[0, 100]`.

Seen this question in a real interview before? 1/4

Yes No

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