

TASK SCHEDULER

```
class Solution {  
    public int leastInterval(char[] tasks, int n) {  
  
        int[] freq = new int[26];  
        for (char c : tasks)  
            freq[c - 'A']++;  
  
        Arrays.sort(freq);  
  
        int maxFreq = freq[25];  
        int countMax = 1;  
  
        for (int i = 24; i >= 0; i--) {  
            if (freq[i] == maxFreq)  
                countMax++;  
            else  
                break;  
        }  
  
        int intervals = (maxFreq - 1) * (n + 1) + countMax;  
  
        return Math.max(tasks.length, intervals);  
    }  
}
```