## 2323. Find Minimum Time to Finish All Jobs II Premium Medium ♥ Topics 📵 Companies ♀ Hint You are given two **0-indexed** integer arrays jobs and workers of **equal** length, where jobs[i] is the amount of time needed to complete the ith job, and workers[j] is the amount of time the jth worker can work each day. Each job should be assigned to **exactly** one worker, such that each worker completes **exactly** one job. Return the **minimum** number of days needed to complete all the jobs after assignment. Example 1: **Input:** jobs = [5,2,4], workers = [1,7,5]Output: 2 Explanation: - Assign the $2^{nd}$ worker to the $0^{th}$ job. It takes them 1 day to finish the job. - Assign the 0<sup>th</sup> worker to the 1<sup>st</sup> job. It takes them 2 days to finish the job. - Assign the 1st worker to the 2nd job. It takes them 1 day to finish the job. It takes 2 days for all the jobs to be completed, so return 2. It can be proven that 2 days is the minimum number of days needed. Example 2: Input: jobs = [3,18,15,9], workers = [6,5,1,3] Output: 3 Explanation: – Assign the $2^{nd}$ worker to the $0^{th}$ job. It takes them 3 days to finish the job. - Assign the 0<sup>th</sup> worker to the 1<sup>st</sup> job. It takes them 3 days to finish the job. Assign the 1<sup>st</sup> worker to the 2<sup>nd</sup> job. It takes them 3 days to finish the job. Assign the 3<sup>rd</sup> worker to the 3<sup>rd</sup> job. It takes them 3 days to finish the job. It takes 3 days for all the jobs to be completed, so return 3. It can be proven that 3 days is the minimum number of days needed. Constraints: n == jobs.length == workers.length • 1 <= n <= 10<sup>5</sup> • 1 <= jobs[i], workers[i] <= 10<sup>5</sup> Seen this question in a real interview before? 1/5 No Yes Submissions 14.4K Acceptance Rate 65.9% Accepted 9.5K ♥ Topics Array Greedy Sorting Companies 0 - 6 months Amazon 2 O Hint 1 It is always optimal to pair the worker with the least amount of time with the job that requires the least amount of time. O Hint 2 Sort both arrays. **₩** Similar Questions Task Scheduler Find Minimum Time to Finish All Jobs Minimum Number of Work Sessions to Finish the Tasks

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