Schedule Tasks on Minimum Machines

Try to solve the Schedule Tasks on Minimum Machines problem.



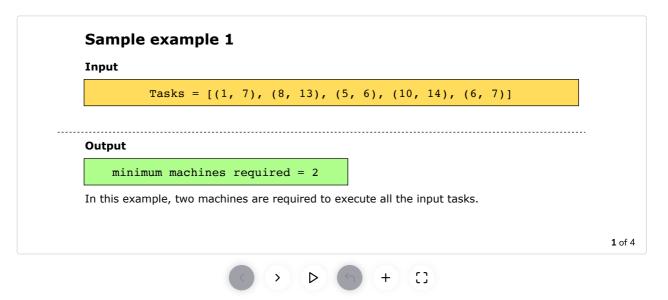
Statement

Given a set of n number of tasks, implement a task scheduler method, **tasks()**, to run in $O(n \log n)$ time that finds the minimum number of machines required to complete these n tasks.

Constraints:

- $1 <= \frac{\text{tasks.length}}{\text{tasks.length}} <= 10^4$
- $0 \le task_i.start < task_i.end \le 10^6$

Examples



Understand the problem

Let's take a moment to make sure you've correctly understood the problem. The quiz below helps you check if you're solving the correct problem:

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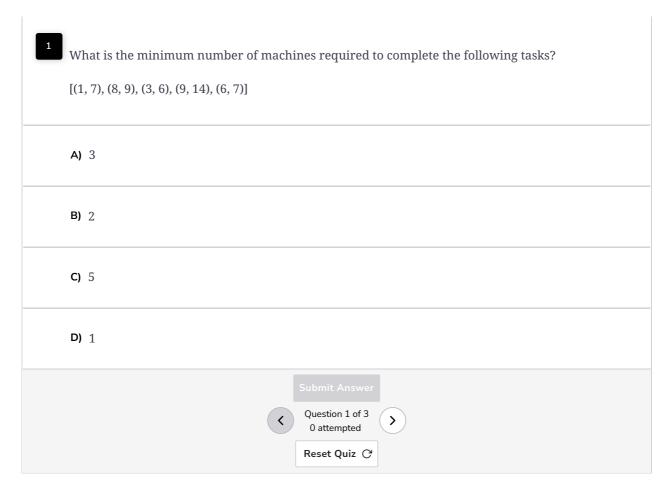
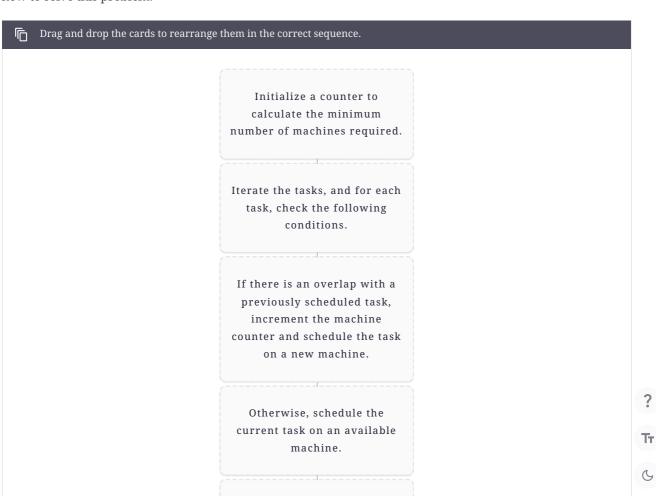


Figure it out!

We have a game for you to play. Rearrange the logical building blocks to develop a clearer understanding of how to solve this problem.

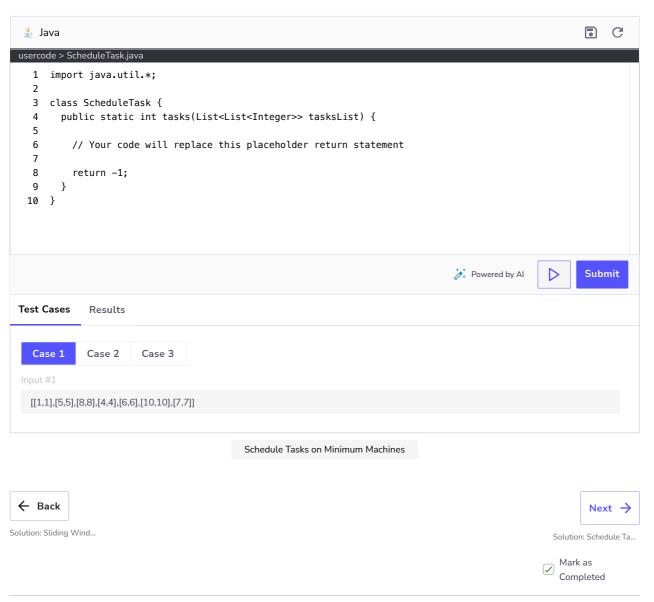




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Implement your solution in the following coding playground.



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