SHORT PROGRAMMING QUESTIONS
Please submit by pushing to a new github repository and sending the link.
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1. Given a pattern and a string, find if the string follows the same pattern.
Eg: Pattern : [a, b, b, a], String : "cat dog dog cat"

2. Given a number N return whether N is a perfect number or not.
Explain the time and memory complexity of your implementation.
(A perfect number is a positive integer that is equal to the sum of its proper positive divisors excluding the number itself)

3. You have a number of meetings (with their start and end times).
You need to schedule them using the minimum number of rooms.
Return the list of meetings in every room as well as their starting and ending timestamps.