



Google INTERVIEW QUESTIONS



Minimum Time Difference

Given a list of 24-hour clock time points in "HH:MM" format, return the minimum minutes difference between any two time-points in the list



EXAMPLE

Input: timePoints = ["23:59", "00:00"]

Output: 1



Number of Matching Subsequences

Given a string **s** and an array of strings **words**, return the number of **words[i]** that is a subsequence of **s**.



EXAMPLE

Input: **s** = "abcde", **words** = ["a","bb","acd","ace"]

Output: 3



Meeting Rooms II

Given an array of meeting time **intervals** where $\text{intervals}[i] = [\text{start}_i, \text{end}_i]$, return the minimum number of conference rooms required.



EXAMPLE

Input: intervals = $[[0,30],[5,10],[15,20]]$

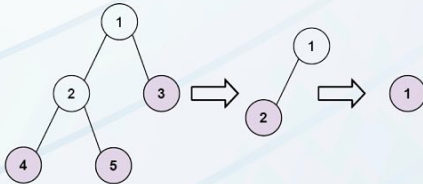
Output: 2



Find Leaves of Binary Tree

Given the **root** of a binary tree, collect a tree's nodes as if you were doing this:

- Collect all the leaf nodes.
- Remove all the leaf nodes.
- Repeat until the tree is empty.



EXAMPLE

Input: root = [1,2,3,4,5]

Output: [[4,5,3],[2],[1]]



Swap Adjacent in LR String

In a string composed of 'L', 'R', and 'X' characters, like "RXXLRXXRL", a move consists of either replacing one occurrence of "XL" with "LX", or replacing one occurrence of "RX" with "XR". Given the starting string **start** and the ending string **end**, return **True** if and only if there exists a sequence of moves to transform one string to the other.



EXAMPLE

Input: start = "RXXLRXXRL", end = "XRLXXRRLX"

Output: true



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