1215. Stepping Numbers Premium

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A **stepping number** is an integer such that all of its adjacent digits have an absolute difference of exactly `1`.

- For example, `321` is a **stepping number** while `421` is not.

Given two integers `low` and `high`, return *a sorted list of all the* ***stepping numbers*** *in the inclusive range* `[low, high]`.

Example 1:

```
Input: low = 0, high = 21
Output: [0,1,2,3,4,5,6,7,8,9,10,12,21]
```

Example 2:

```
Input: low = 10, high = 15
Output: [10,12]
```

Constraints:

- $0 <= low <= high <= 2 * 10^9$

Seen this question in a real interview before? 1/5

Yes No

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Hint 1

Try to generate the numbers using recursion.

Hint 2

In one step in the recursion, add a valid digit to the right of the current number.

Hint 3

Save the number if it's in the range between low and high.

Similar Questions

Count Stepping Numbers in Range Hard

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