A *self-dividing number* is a number that is divisible by every digit it contains.

For example, 128 is a self-dividing number because 128 % 1 == 0, 128 % 2 == 0, and 128 % 8 == 0.

Also, a self-dividing number is not allowed to contain the digit zero.

Given a lower and upper number bound, output a list of every possible self dividing number, including the bounds if possible.

**Example 1:**

**Input:**

left = 1, right = 22

**Output:** [1, 2, 3, 4, 5, 6, 7, 8, 9, 11, 12, 15, 22]

**Note:**

 The boundaries of each input argument are 1 <= left <= right <= 10000.