

# Problem 1291: Sequential Digits

## Problem Information

**Difficulty:** Medium

**Acceptance Rate:** 65.32%

**Paid Only:** No

**Tags:** Enumeration

## Problem Description

An integer has sequential digits if and only if each digit in the number is one more than the previous digit.

Return a **sorted** list of all the integers in the range ``[low, high]`` inclusive that have sequential digits.

**Example 1:**

**Input:** low = 100, high = 300 **Output:** [123,234]

**Example 2:**

**Input:** low = 1000, high = 13000 **Output:** [1234,2345,3456,4567,5678,6789,12345]

**Constraints:**

\* ``10 <= low <= high <= 10^9``

## Code Snippets

**C++:**

```
class Solution {
public:
    vector<int> sequentialDigits(int low, int high) {
```

```
    }  
};
```

**Java:**

```
class Solution {  
public List<Integer> sequentialDigits(int low, int high) {  
  
}  
}
```

**Python3:**

```
class Solution:  
def sequentialDigits(self, low: int, high: int) -> List[int]:
```