## Court Symmetric Integers

To find the number of digits in Integer x:
[int no = (int)/log10(x)+1)]

T.c. O(nlyn) S.C. O(1)

Constraints :-

· 1 <= low, high <= 104

Approach 2: Enumeration 1-

## Intuition:

Enumerate all numbers from low to high:

- If it is a two-dyit number & is a multiple of 11, then it a symmetric integer.
- If it is a four-dyst number, calculate the sum of the thousands & hundred digits, as well as the sum of the tons & ones digit. IC there are equal. It is a symmetric (even)

well as the sum of the tons & ones digit.

If they are equal, it is a symmetric (even)

Integer.

Finally, it returns the number of symmetric integers in the range.

T.C. 6 (high - low) S. C O(1)