Problem Link:

<https://leetcode.com/problems/count-symmetric-integers/?envType=daily-question&envId=2025-04-11>

Solution:

class Solution {

public:

int countSymmetricIntegers(int low, int high) {

int c = 0;

for(int x = low; x <= high; ++x)

{

string s = to\_string(x);

int n = s.length();

if(n % 2 == 0)

{

int h = n / 2;

int l = 0, r = 0;

for(int i = 0; i < h; ++i)

{

l += s[i] - '0';

}

for(int i = h; i < n; ++i)

{

r += s[i] - '0';

}

if(l == r)

{

++c;

}

}

}

return c;

}

};