Given an array of integers, we need to find the number of "holes" that need to be filled such that it contains all the integers from some range.

**Example**

For sequence = [6, 2, 3, 8], the output should be  
makeArrayConsecutive2(sequence) = 3.

We need to add in 4, 5 and 7.

**Input/Output**

* **[time limit] 3000ms (cs)**
* **[input] array.integer sequence**

An array of distinct integers.

*Constraints:*  
1 ≤ sequence.length ≤ 10,  
-10 ≤ sequence[i] ≤ 10.

* **[output] integer**

The minimal number of integers that need to be added to sequence such that it contains every integer from an interval [L, R] (for some L, R) and no other integers.

<https://codefights.com/arcade/code-arcade/list-forest-edge/bq2XnSr5kbHqpHGJC>

int makeArrayConsecutive2(int[] sequence)

{

int min = sequence.Min();

int max = sequence.Max();

int ans = 0;

for (int i = min; i <= max; i++)

{

if (!sequence.Contains(i))

{

ans++;

}

}

return ans;

}