Task: Jumping values A number sequence is in increasing order. Give the count of places where there is a jump in the sequence: Ai+1-Ai>1.

Specification:

Input: n∈N, value:[1……length]$\in N^n$

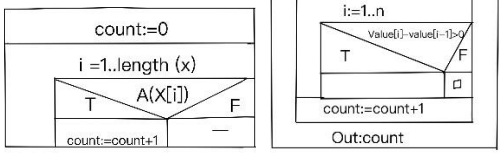
Output: count∈N

Precondition: 1≤n≤100, $\forall_{[i]}$ (1≤i≤n):1≤values[i] ≤1000

Postcondition:count= $\sum_{i=1}^{n} 1$
Value[i]-value[i-1]>0

Pattern:counting

Algorithm



pattern		task
length(x)	→	n
count	→	count
X[]	→	value[]
A(x[i])	→	Value[i]-value[i-1]>0

Code:

```
using System;
using System.Collections;
namespace ConsoleApp4
{
    internal class Program
    {
        static void Main(string[] args)
        {
            string input = Console.ReadLine();
            int length = Convert.ToInt32(input.Split("")[0]);
            int[] values = new int[length];
            int cnt = 0;
            for (int i = 0; i < length; i++)
            {
                values [i] = Convert.ToInt32(Console.ReadLine());
            }
            for (int i = 0; i < values.Length; i++)
            {
                if (values[i] - values[i-1] >1)
                    cnt++;
            }
            Console.Write(cnt);
        }
    }
}
```