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| **Next Palindrome**    Problem code: NXTPALIN | * [SUBMIT](https://www.codechef.com/submit/NXTPALIN) * [MY SUBMISSIONS](https://www.codechef.com/status/NXTPALIN,nacho0monllor) * [ALL SUBMISSIONS](https://www.codechef.com/status/NXTPALIN) |

**All submissions for this problem are available.**

A positive integer is called a palindrome if its representation in the decimal system is the same when read from left to right and from right to left. For a given positive integer K of value not more than 100000 , write the value of the smallest palindrome larger than K to output. Numbers are always displayed without leading zeros.

**Input**

There is a single positive integer T on the first line of input. It stands for the number of numbers to follow. Then there are T lines, each containing exactly one positive integer number N, 1 <= N <= 10000

**Output**

For every input number N, output a single line containing the smallest integer value which is a palindrome and greater than N.

**Example**

**Input:**

3

14604

3902

153

**Output:**

14641

3993

161

<https://www.codechef.com/problems/NXTPALIN>

using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

namespace ConsoleApplication1

{

class Program

{

static void Main(string[] args)

{

int t = int.Parse(Console.ReadLine());

while (t-- > 0)

{

long n = int.Parse(Console.ReadLine());

long ans = n + 1;

for (long i = n; ; i++)

{

char[] rev = i.ToString().ToCharArray();

Array.Reverse(rev);

if (new string(rev) == i.ToString())

{

ans = i;

break;

}

}

Console.WriteLine(ans);

}

Console.ReadLine();

}

}

}