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Problem 2

Problem Code: **CMB02**

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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 not more than 5 digits, write the value of the smallest palindrome larger than K to output. Numbers are always displayed without leading zeros.

Input

The first line contains integer t, the number of test cases. Integers K are given in the next t lines.

Output

For each K, output the smallest palindrome larger than K.

Example

Input :1
808**Output :**

818

All submissions for this problem are available.

Author: [vishesh_sigma](#)

Tags: [vishesh_sigma](#)

Date Added: 28-01-2010

Time Limit: 16.6033 secs

Source Limit: 50000 Bytes

Languages: CPP14, C, JAVA, PYTH 3.6, PYTH, CS2, ADA, PYPY, PYP3, TEXT, CPP17, PAS fpc, RUBY, PHP, NODEJS, GO, HASK, PERL, SCALA, kotlin, BASH, JS, PAS gpc, BF, LISP sbcl, CLOJ, LUA, D, R, CAML, rust, ASM, FORT, FS, LISP clisp, SQL, swift, SCM guile, PERL6, CLPS, WSPC, ERL, ICK, NICE, PRLG, ICON, PIKE, COB, SCM chicken, SCM qobi, ST, NEM, SQLQ

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User	Time	Mem	Lang	Solution
2★ tanya...	0.00	14.9M	C++14	View
shiblnasser	0.00	14.9M	C++14	View
2★ akhi15	0.00	5.8M	C++17	View
2★ arpitg...	0.00	14.9M	C++14	View
harsha_kc	0.00	14.9M	C++14	View
2★ nagen...	0.00	14.9M	C++14	View
s_sahithi123	0.00	14.9M	C++14	View
sathwika5	0.06	2133M	JAVA	View
2★ soum...	0.01	17.5M	PYTH 3.6	View
2★ shaba...	0.00	6M	C++17	View
2★ evisha...	0.00	14.9M	C++14	View
2★ prana...	0.00	14.9M	C++14	View

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