
Prime palindromic numbers

P12848_en

Remember that a natural number is called *prime* if and only if has only two divisors: 1 and itself. Moreover, a natural number is called *palindromic* if its value is the same when its digits are reversed. For instance, 146641 is a palindromic number but 164361 is not.

Write a program that prints the i -th prime palindromic number.

Input

Input is a sequence of integer numbers between 1 and 750 (both included).

Output

For each integer i of the sequence, print in a line with the i -th prime palindromic number.

Sample input 1	Sample output 1
1 2 3 4 5 6 750 749 750	2 3 5 7 11 101 9817189 9809089 9817189

Problem information

Author: Jordi Petit

Translator: Carlos Molina

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