Projection of odd-digits   X45145_en

For each of the numbers in a sequence of non-negative integers, write a program that outputs the value resulting from projecting its odd digits.

The *projection* of a non-negative integer is the value that results from selecting only its odd digits. For example, the projection of 10023 is 13 (only odd digits are kept). By definition, if the number does not have any odd digits, its projection is zero.

Exam score: 3 **Automatic part:** 40%

Input

A sequence of non-negative integers followed by the special end marker −1 (which is not part of the sequence).

Output

For each number in the sequence, a line with its projection.

Sample input 1	Sample output 1
10023 0 4826 135793 2135 1235 1325 1352 1435 −1	13
	0
	0
	135793
	135
	135
	135
	135
	135

Sample input 2	Sample output 2
−1	

Problem information

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