D. Kakilator

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Ahem… I mean it is "calculator", which I presume you all are familiar with it. Just implement a calculator according to specification below: -

Calculator Specs

- Only accept single digit number
- Result can be in two digit
- Accept math operator '+', '-', '*', '/'
- Any other input, print out 'INVALID'

Input

There is '*n*' number of cases, which represent the number of input string to be fed into the calculator. Integer input will be in the provided range: *0 <= x <= 9.*

Output

The result of the computation, or string "INVALID" if input doesn't met the constraint & specs.

Sample Input

Input	Output
4	
2 * 7	14
12 + 5	INVALID
Ta-Da	INVALID
8 - 9	-1