

# Interesting number

For the given number  $n$  find the minimal positive integer divisible by  $n$ , with the sum of digits equal to  $n$ .

## Input

$t$  – the number of test cases, then  $t$  test cases follow. ( $t \leq 50$ )

Test case description:

$n$  - integer such that  $0 < n \leq 1000$

## Output

For each test case output the required number (without leading zeros).

## Example

**Input:**

2  
1  
10

**Output:**

1  
190