# **The Next Number**

Rishabh is obsessed with numbers 6 and 9. So he wants to find the next greatest number for every number using the digits 6 and 9 only.

Help him accomplish his task .

#### Input

The first line contains  ${\boldsymbol{\mathsf{T}}}$  number of testcases .

Each line contains a number  ${\bf N}$  as input .

### Output

Output  ${\bf T}$  lines containing the next greatest number .

#### Constraints

1 <= **T** <= 100

1 <= **N** <= 10<sup>1000</sup>

## Example

#### Output:

66 666 69

9