## HACKERS AND KILLER NUMBER

Recently RAW have been having weird problems with their supercomputer 'The PARAM'. Today, They recieved a note from hackers that they have infected 'The PARAM' with a virus. In addition the note had the number ' $k$ ' printed on it. After doing some calculations, RAW agents found out that the only way to remove that virus is the largest 'Killer' Number having 'k' digits.

A 'Killer' Number has:

1. Only 3 and 5 as its digits.
2. Number of times 3 appears is divisible by 5 .
3. Number of times 5 appears is divisible by 3 .

Meanwhile, the counter to destruction of 'The PARAM' is running very fast. Can you save 'The PARAM' and find the key before RAW agents?

## Input

1 st line will contain an integer $T$, the number of test cases, followed by $T$ lines, each line containing an integer N i.e. the number of digits in the number
$1<=$ T <= 20
$1<=\mathrm{N}<=100000$

## Output

Largest Killer number having N digits. If no such number exists, you tell RAW agents that they are wrong and print ' -1 '.

## Example

## Input:

3
1
3
11

## Output:

-1
555
55555533333

## Explanation

- For $\mathrm{N}=1$, there is no such number.
- For $\mathrm{N}=3,555$ is only possible number.
- For $N=11,55555533333$ and all of permutations of digits are valid numbers, among them, the given number is the largest one.

