11. Unlucky in Love

Program Name: Unlucky.java Input File: unlucky.dat

A number is defined to be *unlucky* if its leading and trailing sums both equal 13. A leading sum is obtained by adding together the first `n` decimal digits of the number. A trailing sum is obtained by adding together the last `m` decimal digits of a number. Different leading and trailing sums can be formed from a single number given different values of `n` and `m`. A number is considered unlucky if there is a value for `n` such that the leading sum of those `n` digits is 13 and there is a value for `m` such that the trailing sum of those `m` digits is also 13.

Input
The first line of input will contain a single integer `n` indicating the number of data sets to process. The following `n` lines will consist of decimal numbers, one number per line.

Output
For each number in the input print `UNLUCKY` if the number is an unlucky number or `NOT UNLUCKY` if it is not an unlucky number.

Example Input File
```
5
13
2173555555552902
6767
30034120006
123456789101112
```

Example Output To Screen
```
NOT UNLUCKY
UNLUCKY
UNLUCKY
UNLUCKY
NOT UNLUCKY
```