**Problem K**  
**Ternary**  
**Input:**Standard Input

**Output:**Standard Output

You will be given a decimal number. You will have to convert it to its ternary (Base 3) equivalent.

**Input**

The input file contains at most 100 lines of inputs. Each line contains a non-negative decimal integer N(N<1000000001). Input is terminated by a line containing a negative value. This line should not be processed.

**Output**

For each line of input produce one line of output. This line contains the ternary equivalent of decimal value N.

**Sample Input                               Output for Sample Input**

|  |  |
| --- | --- |
| 10  100  1000  -1 | 101  10201  1101001 |

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