

# BF\_MODULUS

See also <http://www.spoj.com/problems/PROBLEM1/>

## Problem

Given an integer  $n$  print all the possibilities of  $a^n$ .

## Input

The first line consists of an integer  $t$ , the number of test cases followed by  $t$  lines containing an integer  $n$ .

## Output

For each test case print all the possibilities of  $a^n$  in descending order separated by a single space. After each test case print a new line character. If there are no possibilities print "NOT POSSIBLE".

## Input specifications:

$$0 < t \leq 100$$

$$0 \leq N \leq 100$$

**Time limit:** 1 second

## Example

### Sample Input

2

1

2

### Sample Output

0

