
Print Digits using Recursion

Input file: **standard input**
Output file: **standard output**
Time limit: 1 second
Memory limit: 256 megabytes

Given a number N . Print the digits of N separated by a space.

Note: Solve this problem using recursion.

Input

First line contains a number T ($1 \leq T \leq 10$) number of test cases.

Next T lines will contain a number N ($0 \leq N \leq 10^9$).

Output

For each test case print a single line contains the **digits of the number** separated by space.

Example

| standard input | standard output |
|----------------|-----------------|
| 3 | 1 2 1 |
| 121 | 3 9 |
| 39 | 1 2 3 4 5 6 |
| 123456 | |