## Divisors

Print all the divisors of a given number.

Input
First line of input contains the number of test case $T(T \leq 10)$. Then each of the next $T$ lines contains a single integer $N$, $(1 \leq N \leq 100000)$.



## Output

For each case print one line of output containing the case number first, then, all the divisors of N in increasing order. Each divisor must be printed exactly once. The divisors must be separated by single space character and there must not be any trailing spaces.
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## Example

Input:
3
6
15
23

Output:
Case 1: 1236
Case 2: 13515
Case 3: 123

