

# GCD and LCM

Problem Code: **FLOW016**

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Two integers **A** and **B** are the inputs. Write a program to find GCD and LCM of A and B.

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## Input

The first line contains an integer **T**, total number of testcases. Then follow **T** lines, each line contains an integer **A** and **B**.

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## Output

Display the GCD and LCM of **A** and **B** separated by space respectively.

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## Constraints

- $1 \leq T \leq 1000$
  - $1 \leq A, B \leq 1000000$
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## Example

### Input

```
3
120 11
10213 312
10 3
```

### Output

```
1 1320
1 3186456
1 30
```