B.M.M. and K.M.M

- Time limit: 1 second
- Memory limit: 128 MB

Write a program that two numbers n And m and print their B.M.M. and K.M.M.

Input

At first n And then m It will be given to you.

$$1 \leq , \_m \leq 1\,0^9$$

Output

First B.M.M. and then K.M.M. Print separated by a space.

Example

Sample input

```
8 20
```

Sample output

```
4 40
```

POST AN ANSWER TO THIS QUESTION

The training period is over.

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