

# Rectangle

Time Limit : 1 sec, Memory Limit : 131072 KB

## Rectangle

Write a program which calculates the area and perimeter of a given rectangle.

## Input

The length  $a$  and breadth  $b$  of the rectangle are given in a line separated by a single space.

## Output

Print the area and perimeter of the rectangle in a line. The two integers should be separated by a single space.

## Constraints

- $1 \leq a, b \leq 100$

## Sample Input 1

```
3 5
```

## Sample Output 1

```
15 16
```

Source: [https://onlinejudge.u-aizu.ac.jp/problems/ITP1\\_1\\_C](https://onlinejudge.u-aizu.ac.jp/problems/ITP1_1_C)