

An Animal Contest 1 P1 - Alpaca Shapes

Time limit: 2.0s **Memory limit:** 256M

Today, Sam is learning all about circles and squares at school! Unfortunately, Sam is an alpaca and doesn't have a very good sense of size. As his best friend, you have been tasked with helping him determine the larger shape (it is guaranteed that one is larger than the other).

Note: The area of a square is defined as S^2 and the area of a circle is defined as $3.14 \times R^2$.

Constraints

$$1 \leq S, R \leq 10^4$$

Input Specification

The first line will contain space-separated integers S and R , denoting the side length of the square and the radius of the circle respectively.

Output Specification

Output `SQUARE` if the area of the square is larger, and `CIRCLE` otherwise.

Sample Input 1

```
6 2
```

Sample Output 1

```
SQUARE
```

Explanation for Sample Output 1

The square has area $6^2 = 36$, and the circle has area $3.14 \times 2^2 = 12.56$. Therefore, the area of the square is larger.

Sample Input 2

```
12 124
```

Sample Output 2

CIRCLE