

Who Wins

Ramesh and Suresh playing a simple game. they have to put some number of Stones from one place to another and started doing their work. They decided, they end up with a fun challenge who will put the last Stone.

They to follow a simple rule, In the i'th round, Ramesh puts i stones whereas Suresh puts $i \times 2$ stones.

There are only N stones, you need to help find the challenge result to find who put the last stone.

Input Format

The first line contains an integer N.

Constraints

$$1 \leq N \leq 10000$$

Output Format

Output "Ramesh"(without the quotes) if Ramesh puts the last Stones, "Suresh"(without the quotes) otherwise.

Sample Input 0

13

Sample Output 0

Suresh

Explanation 0

13 bricks are there :

Ramesh Suresh

1 2

2 4

3 1 (Only 1 remains)

Hence, Suresh puts the last one.