

## C. Beaver Game

time limit per test: 1 second

memory limit per test: 256 megabytes

input: standard input

output: standard output

Two beavers, Timur and Marsel, play the following game.

There are  $n$  logs, each of exactly  $m$  meters in length. The beavers move in turns. For each move a beaver chooses a log and gnaws it into some number (more than one) of **equal** parts, the length of each one is expressed by an integer and is no less than  $k$  meters. Each resulting part is also a log which can be gnawed in future by any beaver. The beaver that can't make a move loses. Thus, the other beaver wins.

Timur makes the first move. The players play in the optimal way. Determine the winner.

### Input

The first line contains three integers  $n, m, k$  ( $1 \leq n, m, k \leq 10^9$ ).

### Output

Print "Timur", if Timur wins, or "Marsel", if Marsel wins. You should print everything without the quotes.

### Examples

<b>input</b>
1 15 4
<b>output</b>
Timur

  

<b>input</b>
4 9 5
<b>output</b>
Marsel

### Note

In the first sample the beavers only have one log, of 15 meters in length. Timur moves first. The only move he can do is to split the log into 3 parts each 5 meters in length. Then Marsel moves but he can't split any of the resulting logs, as  $k = 4$ . Thus, the winner is Timur.

In the second example the beavers have 4 logs 9 meters in length. Timur can't split any of them, so that the resulting parts possessed the length of not less than 5 meters, that's why he loses instantly.