

Tom and Jerry 9

Problem

Submissions

Leaderboard

Discussions

Tom and Jerry are playing a game with N candies. Tom always takes candies first, and then two (Tom and Jerry) move in alternating turns. There are some rules as well,

- In a single move, one can get either 2, 3 or 5 candies
- If one can't take any candies he loses the game

Given an amount of candies, find and print the name of the winner. Remember that Tom and Jerry are equally intelligent and play optimally.



Example 1

If there are 4 candies

first way

- Tom takes 3 candies
- Then there are only 1 candy
- Jerry can't take any according to rules (one can take only 2, 3 or 5)
- Tom wins

second way

- Tom takes 2 candies
- Then there are 2 candies left
- Jerry takes those 2 candies
- No candies left for Tom
- Tom wins

since Tom always takes candies first he can select the first way and win

Answer - Tom

Input Format

Integer(Candies amount)

Constraints

$1 < N$

Output Format

Print the name of the winner. Tom or Jerry

Sample Input 0

10

Sample Output 0

Tom