2020/21 CSEC-ASTU Competitive Programming CSEC-CPD

Division 2, Contest , December 23, 2021

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Problem : Mame and skat

Input file:standard input

Output file:standard output

Time limit:1 second

Mame and skat are waiting for their two cousins to visit for dinner. Since their cousins tend to get involved in all sorts of shenanigans, Mame and Skat decide to pass the time with a little card game.

The game is as follows: there is a stack of k cards on the table. Mame and Skat take turns taking from m to n cards, beginning with Mame. The first player with no valid moves left loses.

Given k, m, and n, determine which player will win the game provided that both play with an optimal strategy.

Input

The input consists of a single line containing three space-separated integers $1 \le k \le 10^9$ and $1 \le m \le n \le 10^9$

Output

On a single line output the name of the winning player.

Sample Input 1	Sample Output 1
5 2 2	Skat

Sample Input 2	Sample Output 2
25 3 10	Mame