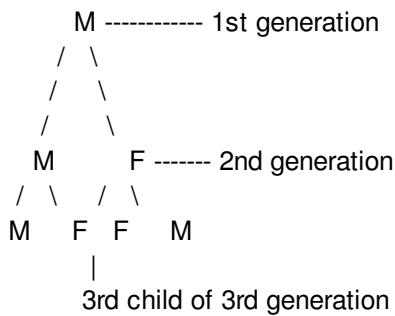


# The Indian Connection

Rajesh Kuthrapali has a weird family structure. Every male member gives birth to a male child first and then a female child whereas every female member gives birth to a female child first and then to a male child. Rajesh analyses this pattern and wants to know what will be the Kth child in his Nth generation. Help him.

Note:

1. Every member has exactly 2 children.
2. The generation starts with a male member (Rajesh).
3. In the figure given below:



## Input

First line specifies T, the number of test cases.

Next T lines each gives 2 numbers, N and K.

## Output

Output 1 line for each test case giving the gender of the Kth child in in Nth generation.

Print "Male" for male "Female" for female (quotes only for clarification).

## Constraints

$$1 \leq T \leq 100$$

$$1 \leq N \leq 10000$$

$$1 \leq K \leq \min(10^{15}, 2^{(n-1)})$$

## Example

**Input:**

```
4
1 1
2 1
2 2
4 5
```

**Output:**

```
Male
```

Male  
Female  
Female