## Problem N. Red Black Grid

Input file:
Output file:
Time limit:
Memory limit:
standard input
standard output
1 second
256 megabytes

Given integers $N$ and $K$, construct an $N \times N$ grid, each of whose cells is colored either red or black, such that there are exactly $K$ unordered pairs of oppositely colored adjacent cells, or claim that no such grid exists.
A pair of cells is called adjacent if they share an edge. Formally, let the rows be numbered $1,2, \cdots N$ from left to right and the columns be numbered $1,2, \cdots N$ from top to bottom. The cell $(i, j)$ denotes the cell with row number $i$ and column number $j$. Two cells $(a, b)$ and $(c, d)$ are adjacent iff $|c-a|+|d-b|=1$. If there are multiple valid grids, you can output any of them.

## Input

The first line contains $T$, the number of testcases. Then, the testcases follow.
Each testcase consists of two space separated integers $N$ and $K$.

## Constraints

- $1 \leq T \leq 10^{4}$
- $1 \leq N \leq 10^{3}$
- $0 \leq K \leq 2 \times N \times(N-1)$
- The sum of $N^{2}$ over all testcases doesn't exceed $10^{6}$.


## Output

For each testcase, if no valid grid exists, print Impossible on a new line.
Else print $N+1$ lines. Print Possible on the first line. Then, print $N$ lines, the $i-t h$ of which contains the $i-t h$ row of the grid. For each cell of the row from left to right, if it is colored red, print $R$ and if it is colored black, print $B$.

## Example

| standard input | standard output |  |
| :--- | :--- | :--- |
| 2 | 6 | Possible |
| 3 | 1 | BRB |
|  | RBB |  |
|  | BBB |  |
|  | Impossible |  |

## Note

In the first testcase, the pairs of adjacent oppositely colored cells are:

- $(1,1)$ and $(2,1)$
- $(1,2)$ and $(1,3)$
- $(1,2)$ and $(2,2)$
- $(2,1)$ and $(3,1)$
- $(2,2)$ and $(3,2)$
- $(2,3)$ and $(3,3)$

