Problem 1: FLOODFILL!

Problem Number: F1

Your task is to simply implement floodfill in your own way, according to these instructions.

Let a (rectangular) m x n map be represented initially by two symbols: "#" and ".", which refer to a wall and a blank space respectively. The upper-left corner of the map has coordinates (1,1), while the bottom-right one has coordinates (m x n).

Given the initial map, two coordinates (x,y) and a different symbol, perform floodfill starting from (x,y).

Input:

The input stars with one line $t \leq 100$, denoting the number of test cases.

For each test case, we have two integers $2 \leq m, n \leq 10$. Then we have the m x n map containing characters "#" or ".". Finally, we have two integers $1 \leq x \leq m, 1 \leq y \leq n$, and a symbol.

Output:

For each test case, print the map after floodfill.

Sample Input	Sample Output
1 3 3 ... ### ... 1 1 @	@@@ ### ...