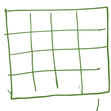
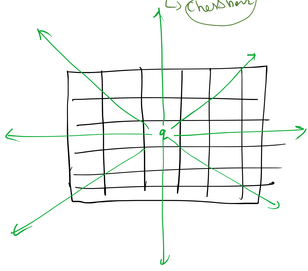
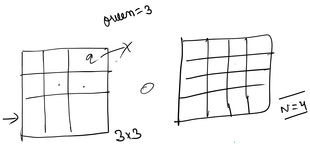
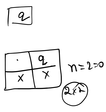
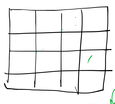
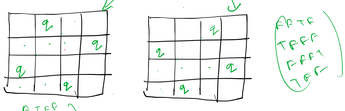


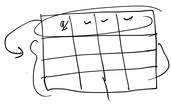






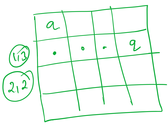




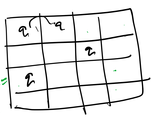


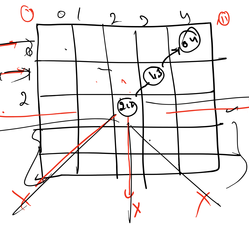
```
public static void Print(boolean[][]board, int tq, int row) {
        for (int col = 0; col < board.length; col++) {

    }
}
```

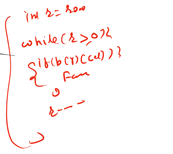


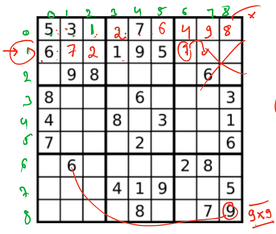

```
public static void Print(boolean[][] board, int tq, int row) {
    if (tq == 0) {
        Display(board);
        return;
    }
    for (int col = 0; col < board.length; col++) {
        if (issafe(board, row, col)) {
            board[row][col] = true;
            Print(board, tq - 1, row + 1);
            board[row][col] = false;
        }
    }
}
```





```
// up
int r = row;
while (r >= 0) {
    if (board[r][col]) {
        return false;
    }
    r--;
}
```






```
public static boolean SudokuSolver(int[][] grid, int row, int col) {
    if (grid[row][col] != 0) {
        return SudokuSolver(grid, row, col + 1);
    } else {
        for (int val = 1; val <= 9; val++) {
            if (issafe(grid, row, col, val)) {
                grid[row][col] = val;
                boolean ans = SudokuSolver(grid, row, col + 1);
                if (ans) {
                    return true;
                }
                grid[row][col] = 0;
            }
        }
        return false;
    }
```