Part (a)

public static int[] getColumn(int[][] arr2D, int c)

{

int[] solution = new int[arr2D.length];

for (int r = 0; r < arr2D.length; r++)

{

solution[r] = arr2D[r][c];

}

return solution;

}

Part (b)

public static boolean isLatin(int[][] square)

{

int[] row1 = square[0];

if ( containsDuplicates(row1) )

{

return false;

}

for (int r = 1; r < square.length; r++)

{

if ( !hasAllValues(row1, square[r]))

{

return false;

}

}

for (int c = 0; c < square[0].length; c++)

{

int[] col = getColumn(square, c);

if ( !hasAllValues(row1, col) )

{

return false;

}

}

return true;

}