1: ADDITION OF TWO MATRICES

//ADDING TWO MATRICES

//this code is written by ayush

public class AddMatrices {

    public static void main(String[] args) {

        int rows = 2, columns = 3;

        int[][] firstMatrix = { {2, 3, 4}, {5, 2, 3} };

        int[][] secondMatrix = { {-4, 5, 3}, {5, 6, 3} };

        // Adding Two matrices

        int[][] sum = new int[rows][columns];

        for(int i = 0; i < rows; i++) {

            for (int j = 0; j < columns; j++) {

                sum[i][j] = firstMatrix[i][j] + secondMatrix[i][j];

            }

        }

        // Displaying the result

        System.out.println("Sum of two matrices is: ");

        for(int[] row : sum) {

            for (int column : row) {

                System.out.print(column + "    ");

            }

            System.out.println();

        }

    }

}