**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} };

**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];

}

}

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

**for**(**int**[] row : sum) {

**for** (**int** column : row) {

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

}

System.***out***.println();

}

}

}