public class TwoDimensionalArray{

public static void main(String args[])

{

int array[][];

array = new int [2][3];

int riterator = 0;

int citerator = 0;

int index = 0;

for(riterator=0;riterator<array.length;riterator++)

{

for(citerator=0;citerator<array[riterator].length;citerator++)

{

array[riterator][citerator]=Integer.parseInt(args[index]);

index++;

}

}

System.out.println(" --------MATRIX -------");

for(riterator=0;riterator<array.length;riterator++)

{

for(citerator=0;citerator<array[riterator].length;citerator++)

{

System.out.print(array[riterator][citerator]+" ");

}

System.out.println(" ");

}

System.out.println(" --------TRANSPOSE MATRIX -------");

for(citerator=0;citerator<array[0].length;citerator++)

{

for(riterator=0;riterator<array.length;riterator++)

{

System.out.print(array[riterator][citerator]+" ");

}

System.out.println(" ");

}

}

}

Output:

