

```

import java.util.*;

public class Array2D
{
    public static void main(String[] args)
    {
        int matriks[][]=new int[10][10];
        int i,j,baris,kolom;

        System.out.print("Masukkan jumlah baris matriks = ");
        Scanner input=new Scanner(System.in);
        baris=input.nextInt();
        System.out.print("Masukkan jumlah kolom matriks = ");
        kolom=input.nextInt();
        for (i=1; i<=baris ;i++)
            for (j=1; j<=kolom ;j++)
            {
                System.out.print("Masukkan elemen matriks baris " + i + "
                                   kolom " + j + " : ");
                matriks[i][j]=input.nextInt();
            }
        System.out.println("\n\n" + "Elemen Matriks : ");
        for (i=1; i<=baris ;i++)
        {
            for (j=1; j<=kolom ;j++)
                System.out.print(matriks[i][j] + "\t");
            System.out.print("\n");
        }
        for (j=1; j<=kolom ;j++)
        {
            for (i=1; i<=baris ;i++)
                System.out.print(matriks[j][i] + "\t");
            System.out.print("\n");
        }
    }
}

```