

```

package figura2;
import java.util.*;
public class FIGURA2 {
public static void main(String[] args) {
    int i,j;
    Scanner teclado = new Scanner(System.in);
    System.out.println("Ingrese las filas de la matriz");
    int n=teclado.nextInt();
    int y=n-1;
    System.out.println("Ingrese las columnas de la matriz");
    int m=teclado.nextInt();
    String matriz [][]= new String [n][m];
    for( i=0;i<n;i++){
        for(j=0;j<m;j++){
            if(i==j){
                matriz[i][j]=" ";
            }else{
                matriz[i][j] = "x";
            }
        }
    }
    for(j=0;j<m;j++){
        matriz[y][j]=" ";
        y--;
    }
    for(i=0; i<n;i++){
        for(j=0;j<m;j++){
            System.out.print(" [ " + matriz[i][j] + " ] ");
        }
        System.out.println();
    }
}
}

```

```

run:
Ingrese las filas de la matriz
5
Ingrese las columnas de la matriz
5
[  ] [ * ] [ * ] [ * ] [  ]
[ * ] [  ] [ * ] [  ] [ * ]
[ * ] [ * ] [  ] [ * ] [ * ]
[ * ] [  ] [ * ] [  ] [ * ]
[  ] [ * ] [ * ] [ * ] [  ]
BUILD SUCCESSFUL (total time: 5 seconds)

```