

```
1 import java.util.Scanner;
2
3 public class HT_7 {
4
5     public static void main(String[] args) {
6
7         Scanner sc = new Scanner(System.in);
8
9         int n = sc.nextInt();
10        int arr [][] = new int [n][n];
11        int counter = 0;
12
13        while (n != 0) {
14
15            counter ++;
16            //read array
17            for (int i=0 ; i<n ; i++)
18            {
19                for (int j=0 ; j<n ; j++)
20                {
21                    arr [i][j] = sc.nextInt();
22                }
23            }
24
25            System.out.print("Case #" + counter + ":\n");
26
27            //print array
28            for (int i=0 ; i<n ; i++)
29            {
30                for (int j=0 ; j<n; j++)
31                {
32                    System.out.print(arr[i][j]+ " ");
33                }
34                System.out.println();
35            }
36            n = sc.nextInt();
37        }
38    }
39 }
40
41
42
43
44 }
45
```

```

Console Problems Debug Shell
<terminated> HT_7 [Java Application] C:\Users\Tie\.p2\pool\plugin:
8
1 0 1 0 1 0 0 0
0 0 0 0 0 0 0 0
1 1 1 1 0 0 0 1
1 0 1 0 0 0 0 1
1 1 1 0 0 1 0 1
1 0 0 0 0 0 0 1
1 0 0 1 1 0 0 1
0 1 0 0 0 0 0 0
Case #1:
1 0 1 0 1 0 0 0
0 0 0 0 0 0 0 0
1 1 1 1 0 0 0 1
1 0 1 0 0 0 0 1
1 1 1 0 0 1 0 1
1 0 0 0 0 0 0 1
1 0 0 1 1 0 0 1
0 1 0 0 0 0 0 0
4
1 1 1 1
1 1 0 1
1 0 0 1
1 1 1 1
Case #2:
1 1 1 1
1 1 0 1
1 0 0 1
1 1 1 1
0
|

```