```java
 1 package experiment4;
 2
 3 import java.util.*;
 4
 5 public class UserSitting extends InheritanceDemo {
 6 public static void Func(int[][] locations) {
 7     Scanner sc = new Scanner(System.in);
 8     int Seatno = sc.nextInt();
 9     System.out.println("Enter row index and coloumn index from above chart:");
10     int row_index = sc.nextInt();
11     int coloumn_index = sc.nextInt();
12     System.out.println("Thanks!");
13     locations[row_index][coloumn_index]=1;
14     int updated_count=1;
15     for(int i=0;i<locations.length;i++) {
16         for(int j=0;j<locations[i].length;j++) {
17             System.out.print("Seat no.: " + updated_count + "["+i+"]"+"["+j+"]");
18             System.out.print( "---->" + "("+ locations[i][j]+")"+"\t");//vacant seats are
   shown as 0 and booked seats are shown as 1
19             updated_count++;
20         }
21         System.out.println();
22     }
23     System.out.println("Your seat has been booked successfully! Enjoy your show :-)");
24 }
25     public static void main(String[] args) {
26         // TODO Auto-generated method stub
27         Scanner sc = new Scanner(System.in);
28         int[][] locations=new int[10][10];
29         int count=1;
30         for(int i=0;i<locations.length;i++) {
31             for(int j=0;j<locations[i].length;j++) {
32                 System.out.print("Seat no.: " + count + "["+i+"]"+"["+j+"]");
33                 System.out.print( "---->" + "("+ locations[i][j]+")"+"\t");//vacant seats
   are shown as 0 and booked seats are shown as 1
34                 count++;
35             }
36             System.out.println();
37         }
38         System.out.println("Choose the location where you would like to watch you favourite
   show from Seat No. 1 to 100:"+" ");
39         Func(locations);
40     }
41
42 }
43
```