```java
1   import java.io.*;
2   import java.util.*;
3   import java.text.*;
4   import java.math.*;
5   import java.util.regex.*;
6   class Ticket{
7       // Write your code here..
8       int availableSeat = 30;
9       int seat[];
10      public String bookshow(int seatNumber)throws Exception{
11          int seat[]=new int[30];
12          if(availableSeat==0){
13              throw new NoSeatAvailableException("No Seat Number");
14          }
15          if(seatNumber<1 || seatNumber>30){
16              throw new InvalidSeatNumberException("Invalid Seat Number");
17          }
18          if(seat[seatNumber]==1){
19              throw new SeatIsAlreadyTakenException("Seat Number is already booked");
20          }
21          else availableSeat=availableSeat-1;
22          return "Your reservation is confirmed";
23      }
24  }
25  class InvalidSeatNumberException extends Exception{
26      // Write your code here..
27      public InvalidSeatNumberException (String str){
28          super(str);
29      }
30  }
31  class NoSeatAvailableException extends Exception{
32      // Write your code here..
33      public NoSeatAvailableException (String str){
34          super(str);
35      }
36  }
37  class SeatIsAlreadyTakenException extends Exception{
```

```
27   public InvalidSeatNumberException (String str){
28     super(str);
29   }
30 }
31 class NoSeatAvailableException extends Exception{
32   // Write your code here..
33   public NoSeatAvailableException (String str){
34     super(str);
35   }
36 }
37 class SeatIsAlreadyTakenException extends Exception{
38   // Write your code here..
39   public SeatIsAlreadyTakenException (String str){
40     super(str);
41   }
42 }
43 public class Source {
44   public static void main(String args[] ) throws Exception {
45     /* Enter your code here. Read input from STDIN. Print output to STDOUT */
46   }
47 }
```

● Autocomplete reconnecting... ⓘ

Test Results   Custom Input   **RUN CODE** ▲