

## Yasin Hasim Tamboli

```
package Multithreading;
```

```
class TicketBooking implements Runnable {
    int avlTicket;
    int resTicket;

    public TicketBooking(int avlTicket, int resTicket) {
        this.avlTicket = avlTicket;
        this.resTicket = resTicket;
    }

    public void run() {
        Thread t = Thread.currentThread();
        System.out.println("welcome to ticket Booking:" + t.getName());
        if (resTicket <= avlTicket) {
            try {
                Thread.sleep(3000);
            } catch (InterruptedException e) {

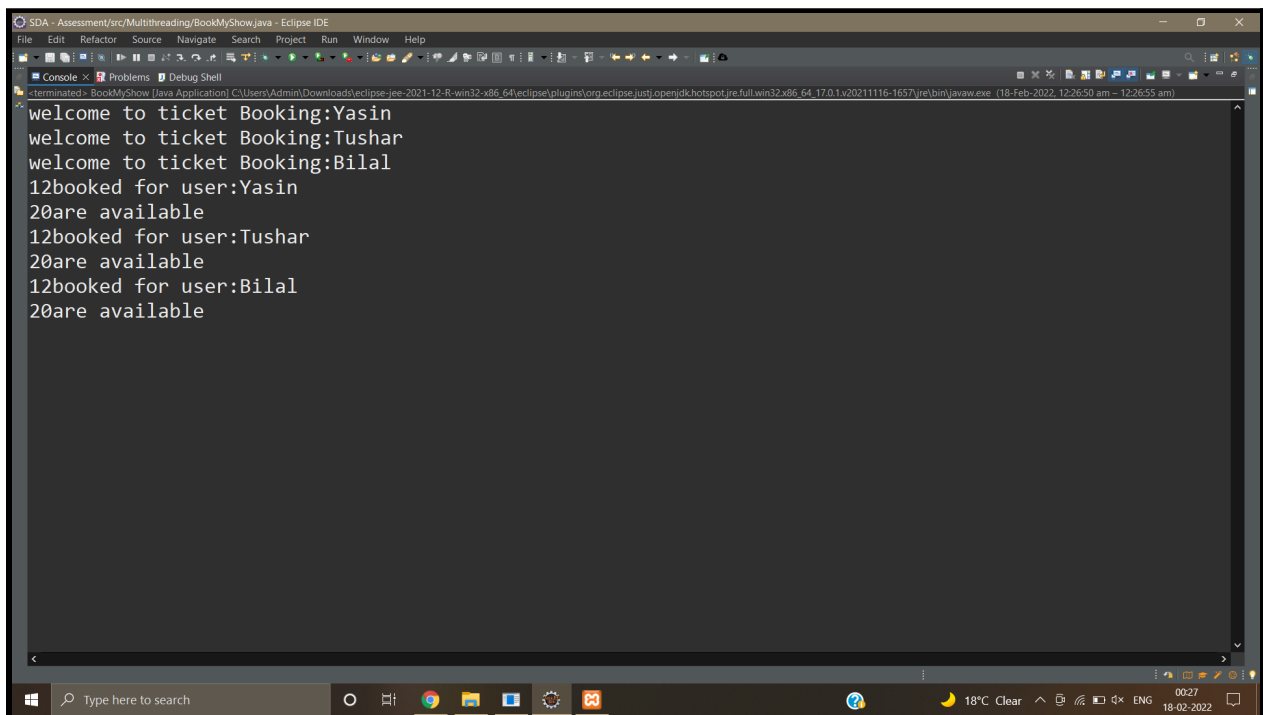
                e.printStackTrace();
            }
            System.out.println(resTicket + "booked for user:" + t.getName());
            System.out.println(avlTicket + "are available");
        } else {
            System.out.println("ticket are not availabale");
        }
    }
}
```

```
-----
package Multithreading;
```

```
public class BookMyShow {
    public static void main(String[] args) {
        TicketBooking tickets = new TicketBooking(20, 12);
        Thread t1 = new Thread(tickets);
        t1.setName("Yasin");
        t1.setPriority(Thread.MAX_PRIORITY);
        t1.start();
        Thread t2 = new Thread(tickets);
        t2.setName("Bilal");
        t2.setPriority(6);
    }
}
```

```
        t2.start();  
        Thread t3 = new Thread(tickets);  
        t3.setName("Tushar");  
        t3.setPriority(5);  
        t3.start();  
    }  
}
```

Output:



The screenshot shows the Eclipse IDE interface with the 'Console' view open. The console output displays the results of a ticket booking application. It shows three users: Yasin, Tushar, and Bilal. For each user, the output indicates the number of tickets booked (12) and the number of tickets available (20). The output is as follows:

```
terminated - BookMyShow [Java Application] C:\Users\Admin\Downloads\eclipse-jee-2021-12-R-win32-x86_64\eclipse\plugins\org.eclipse.justi.openjdk.hotspot.jre.full.win32.x86_64.17.0.1.v20211116-1657\jre\bin\java.exe (18-Feb-2022, 12:26:50 am - 12:26:55 am)  
welcome to ticket Booking:Yasin  
welcome to ticket Booking:Tushar  
welcome to ticket Booking:Bilal  
12booked for user:Yasin  
20are available  
12booked for user:Tushar  
20are available  
12booked for user:Bilal  
20are available
```