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Program Name: - BookMyShow

```java
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(5000);
                    } catch (InterruptedException e) {
             // TODO Auto-generated catch block
      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");
             }              }}
```
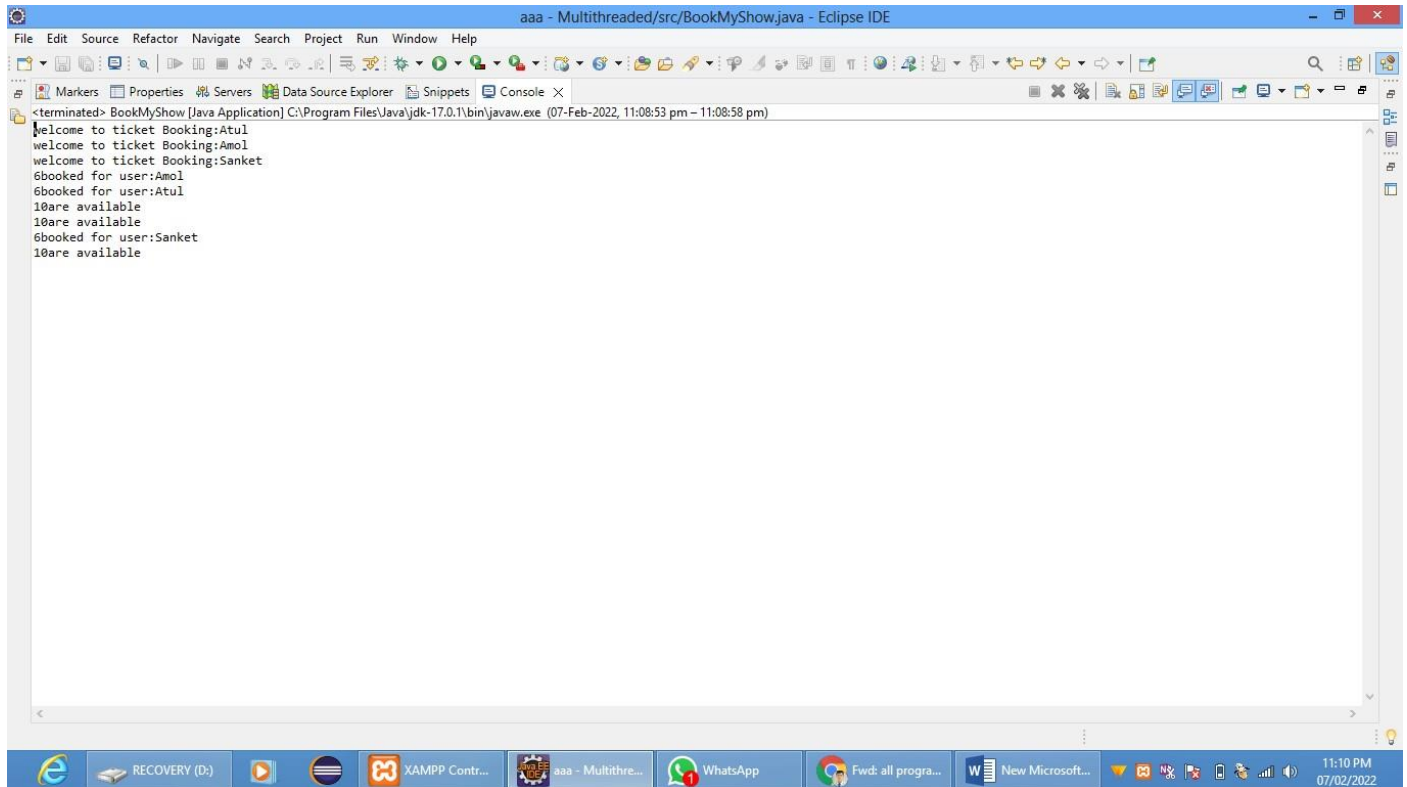
```java
      public class BookMyShow{
             public static void main(String[] args) {
TicketBooking tickets=new TicketBooking(10, 6);
                                Thread t1= new Thread (tickets);
                    t1.setName("Atul");
                                t1.setPriority(Thread.MAX_PRIORITY);
                                t1.start();
                         Thread t2= new Thread (tickets);
      t2.setName("Amol");
                         t2.setPriority(3);
                         t2.start();
                    Thread t3= new Thread(tickets);
      t3.setName("Sanket");
t3.setPriority(5);
                    t3.start();


             }
      }
```

Output

welcome to ticket Booking:Atul
welcome to ticket Booking:Amol
welcome to ticket Booking:Sanket
6booked for user:Amol
6booked for user:Atul
10are available
10are available
6booked for user:Sanket
10are available