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Program Name: - BookMyShow

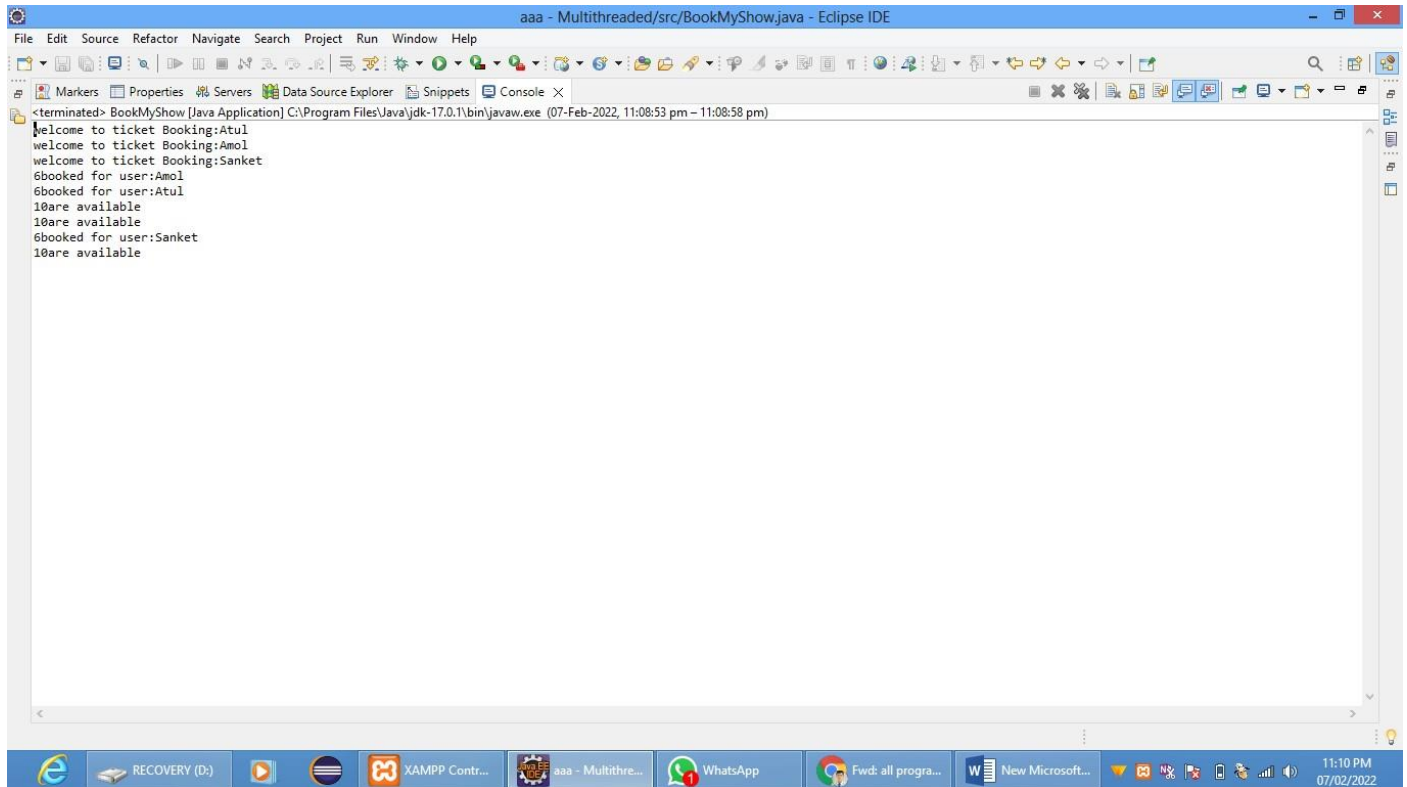
```
class TicketBooking implements Runnable {
    int avlTicket;    int resTicket;
    public TicketBooking(int avlTicket, int resTicket) {
        this.avlTicket=avlTicket;
        this.resTicket=resTicket;
    }
    public void run() {
        Thread t= Thread.currentThread();
        System.out.println("welcome 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");
        }
    }
}
```

```
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



The screenshot shows the Eclipse IDE interface with the console window open. The console displays the output of a Java application named 'BookMyShow'. The output consists of several lines of text, including welcome messages for users 'Atul' and 'Sanket', and booking status updates for 'Amol' and 'Sanket'. The application has terminated, as indicated by the '<terminated>' message at the top of the console.

```
<terminated> BookMyShow [Java Application] C:\Program Files\Java\jdk-17.0.1\bin\javaw.exe (07-Feb-2022, 11:08:53 pm - 11:08:58 pm)
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
```