Name: - Aishwarya kamane

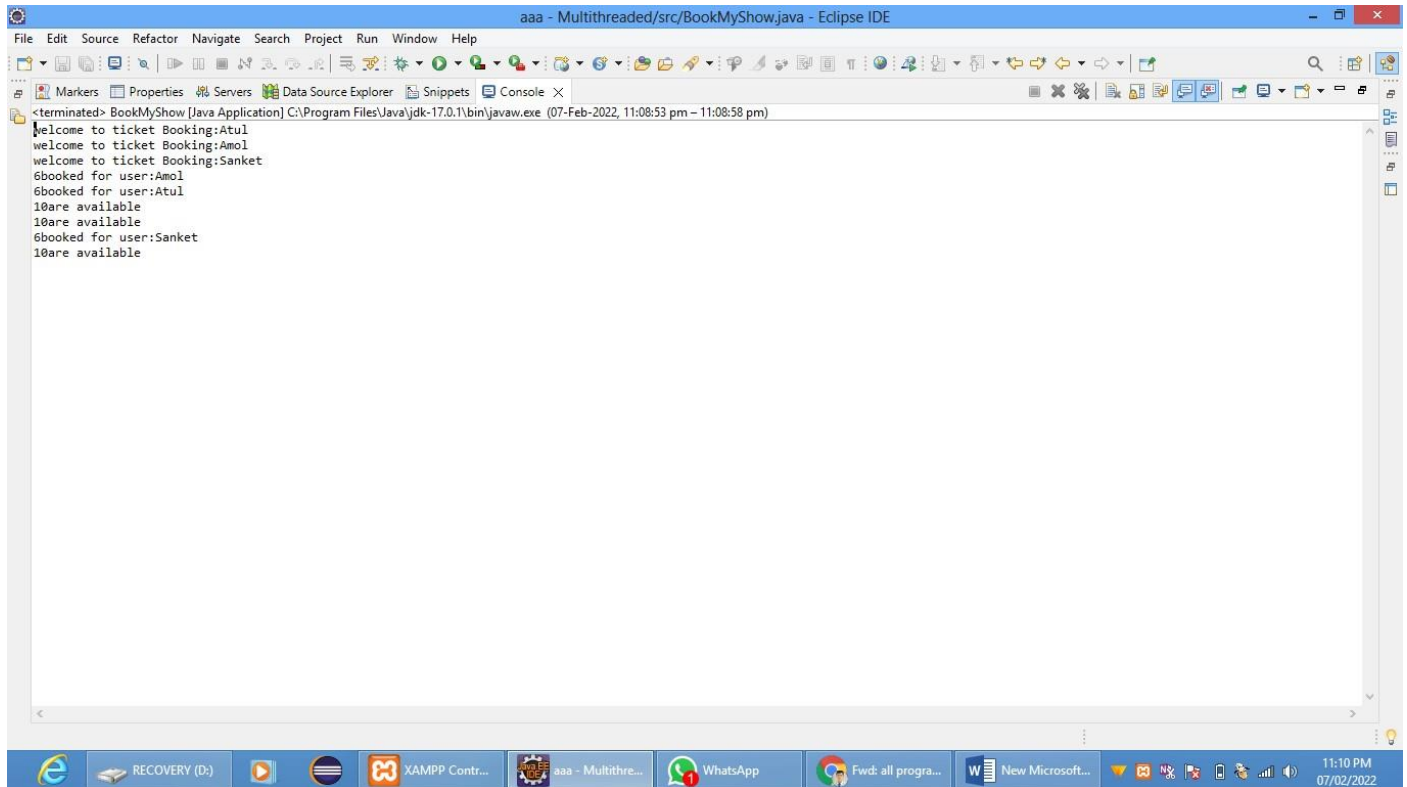**Program Name: - BookMyShow**

```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