

Name: - shubham dhere

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



Markers Properties Servers Data Source Explorer Snippets Console X

terminated BookMyShow Java Application C:\Program Files\avast\avast4704\bin\avast.exe (07-Feb-20a 44:08:53pm--44:08:58pm)

```
@eEcome to t*cket 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
```

