

Name: - Shubham Baliram Pasale

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("Shubham");
        t1.setPriority(Thread.MAX_PRIORITY);
        t1.start();
        Thread t2= new Thread (tickets);
        t2.setName("Shivraj");
        t2.setPriority(3);
        t2.start();
        Thread t3= new Thread(tickets);
        t3.setName("Rushi");
        t3.setPriority(5);
        t3.start();
    }
}
```

Output

```
Welcome to ticket Booking:Shubham
Welcome to ticket Booking:Shivraj
Welcome to ticket Booking:Rushi
6booked for user :Shivraj
6booked for user :Shubham
10are available
10are available
6booked for user :Rushi
10are available
```

