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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