

```
class SeatsAvailable {  
  
    int seats = 3;  
  
    public synchronized void bookMovieTickets(String uname, int totalSeats) throws InterruptedException {  
        if (seats >= totalSeats && totalSeats > 0) {  
            System.out.println("Hello " + uname + " You have booked " + totalSeats + " Tickets");  
            seats = seats - totalSeats;  
            System.out.println("Tickets Left: " + seats);  
            Thread.sleep(3000);  
        } else {  
            System.out.println("Hello " + uname + " Seats Not Available ");  
        }  
    }  
}
```

```
class Tickets extends Thread {

SeatsAvailable seatsAvailable;
String userName;
int noOfseats;

public Tickets(SeatsAvailable seatsAvailable, String userName, int noOfseats) {
this.seatsAvailable = seatsAvailable;
this.userName = userName;
this.noOfseats = noOfseats;
}

@Override
public void run() {
try {
seatsAvailable.bookMovieTickets(userName, noOfseats);
} catch (InterruptedException e) {
e.printStackTrace();
}
}
}
```

```
public class Client {
```

```
    public static void main(String[] args) {
```

```
        SeatsAvailable available = new SeatsAvailable();
```

```
        Tickets t1 = new Tickets(available, "Sai Kiran", 2);
```

```
        Tickets t2 = new Tickets(available, "Sai Ram", 2);
```

```
        t1.start();
```

```
        t2.start();
```

```
    }
```

```
}
```

Hello Sai Kiran You have booked 2 Tickets

Tickets Left: 1

Hello Sai Ram Seats Not Available