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```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");
            }             }}

      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

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```
<terminated> BookMyShow [Java Application] C:\Program Files\Java\jdk-17.0.1\bin\javaw.exe (07-Feb-2022, 11:08:53 pm – 11:08:58 pm)
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
```

RECOVERY (D:)   XAMPP Contr...   aaa - Multithre...   WhatsApp   Fwd: all progra...   New Microsoft...   11:10 PM 07/02/2022