





```
1 package BusRev;
2 import java.util.*;
3 import java.text.ParseException;
4 import java.text.SimpleDateFormat;
5 public class booking {
6     String passengerName;
7     int busNo;
8     Date date;
9     booking(){
10
11         Scanner scanner = new Scanner(System.in);
12         System.out.println("Enter the name of the passsenger: ");
13         passengerName = scanner.next();
14         System.out.println("Enter bus no: ");
15         busNo = scanner.nextInt();
16         System.out.println("Enter the date: dd-mm-yyyy: ");
17         String dateInput = scanner.next();
18         SimpleDateFormat dateFormat = new SimpleDateFormat("dd-MM-yyyy");
19         try {
20             date = dateFormat.parse(dateInput);
21         } catch (ParseException e) {
22             // TODO Auto-generated catch block
23             e.printStackTrace();
24         }
25     }
26
27     public boolean isAvailable(ArrayList<booking> Booking, ArrayList<Bus> buses) {
28         // TODO Auto-generated method stub
29         int capacity = 0;
30         for(Bus bus:buses) {
31             if(bus.getBusno() == busNo)
32                 capacity = bus.getCapacity();
33         }
34         int booked = 0;
35         for(booking b:Booking) {
36             if(b.busNo == busNo && b.date.equals(date))
37                 booked++;
38         }
39         return booked<capacity?true:false;
40     }
41
42 }
```

```
Problems Javadoc Declaration Console X Eclipse IDE for Java Developers 2025-09 M2 Git Staging
<terminated> Busdemo [Java Application] C:\Users\lenovo\p2\pool\plugins\org.eclipse.justi.openjdk hotspot.jre.full.win32.x86_64_21.0.8.v20250724-1412\jre\bin\javaw.exe (11-Aug-2025, 10:27:50 pm - 10:30:00 pm elapsed: 0:02:10.132) [pid: 40336]
Bus No:1Ac:trueTotal no.of seats:21
Bus No:2Ac:falseTotal no.of seats:45
Bus No:3Ac:trueTotal no.of seats:50
Enter 1 to book and 2 to exit
1
Enter the name of the passsenger:
Ram
Enter bus no:
1
Enter the date: dd-mm-yyyy:
25-05-2025
Your Booking is confirmed!
Enter 1 to book and 2 to exit
1
Enter the name of the passsenger:
Raj
Enter bus no:
1
Enter the date: dd-mm-yyyy:
25-05-2025
Your Booking is confirmed!
Enter 1 to book and 2 to exit
1
Enter the name of the passsenger:
Lisa
Enter bus no:
1
Enter the date: dd-mm-yyyy:
25-05-2025
Your Booking is confirmed!
Enter 1 to book and 2 to exit
1
Enter the name of the passsenger:
tina
Enter bus no:
1
Enter the date: dd-mm-yyyy:
25-05-2025
Your Booking is confirmed!
Enter 1 to book and 2 to exit
2
```

Snipping Tool

Screenshot copied to clipboard  
Automatically saved to screenshots folder.

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