**Collections-Binary search**

Write a program to get the shipment entity details from the User and display the details in sorted order. The program should help the User search a specific shipment entity detail and return its index.

**Problem Specifications :**

Use Collections.sort to display the shipment entity details in sorted order.

Use Collections.binarySearch on the shipmentEntity with comparable on bookingNumber and key as bookingNumber

Create a **Main** class with main method

Create a class **ShipmentEntity** with below private attributes,

* Integer id
* String name
* Integer bookingNumber

Include getter and setter method for all the attributes

Include default constructor and 3 argument constructor with argument id,name,bookingNumber.

**Input and Output Format:**

Input consists of Strings which corresponds to the shipment entity details, separated by commas.

**[All text in bold corresponds to input and rest corresponds to output.]**

**Sample Input and Output :**

Enter the shipment entity details

**1113,Jennifer,112345**

Do you want to continue [yes/no]

**Yes**

**1114,Janne,113347**

Do you want to continue [yes/no]

**Yes**

**1115,Vikram,112439**

Do you want to continue [yes/no]

**No**

After sorting the shipment entity details

Id Name Number

1113 Jennifer 112345

1115 Vikram 112439

1114 Jane 113347

Enter the shipment entity details to be searched

**1113,Jennifer,112345**

Shipment entity found in index:0