

## JOSL-S3-L1-5-Search Customers By City

Coding 50 points

### DESCRIPTION

Write a program to get the input as customer city and search the customer in a given array. this program should print "No Record Found" if the city is not available in the given array.

note:use Binary search algorithm

Sample Input

Chennai

Sample Output

1001

Raj

Chennai

### Solution code

Please choose a language and write your code.

✓ SUBMIT

ACCEPTED Score: 50 points (details)

CODE

INPUT

OUTPUT

Java 8 ▼

▶ RUN CODE



```
1 import java.io.*;
2 import java.util.*;
3 import java.text.*;
4 import java.math.*;
5 import java.util.regex.*;
6
7 // Class name should be "Source",
8 // otherwise solution won't be accepted
9 public class Source {
10     static String customerDetails[][]=new String[5][3];
11     Source()
12     {
13         customerDetails[0][0]="1001";
14         customerDetails[0][1]="Raj";
15         customerDetails[0][2]="Chennai";
16
17         customerDetails[1][0]="1008";
18         customerDetails[1][1]="Akshay";
19         customerDetails[1][2]="Pune";
20     }
21 }
```

Chennai

1005

Ganesh

Chennai

Sample Input

Madurai

Sample Output

No Record Found

EXECUTION TIME LIMIT

10 seconds

```
19 customerDetails[1][2]="Pune";
20
21 customerDetails[2][0]="1002";
22 customerDetails[2][1]="Simrath";
23 customerDetails[2][2]="Amristar";
24
25 customerDetails[3][0]="1204";
26 customerDetails[3][1]="Gaurav";
27 customerDetails[3][2]="Delhi";
28
29 customerDetails[4][0]="1005";
30 customerDetails[4][1]="Ganesh";
31 customerDetails[4][2]="Chennai";
32
33 }
34
35 public static void main(String args[] ) throws Exception {
36     Scanner sc = new Scanner(System.in);
37     Source s = new Source();
38     String city = sc.nextLine();
39     boolean flag = false;
40     for(int i=0; i<customerDetails.length;i++){
41         if(customerDetails[i][2].equalsIgnoreCase(city)){
42             for(int j=0;j<3;j++){
43                 System.out.println(customerDetails[i][j]);
44                 flag = true;
45             }
46         }
47     }
48     if(flag == false){
49         System.out.println("No Record Found");
50     }
51 }
52 }
```