Problem | Program

List - Create Contact List and Search

Create a Java program to build contact list with values contact name and mobile number, Store the contact objects into a list and provide search option to search contacts based on contact name. If the contact is not found then display a message "Contact not found" and if ther eare multiple contacts with the same name display the first occurrence of the contact.

Create a main class "Main.java"

Use ArrayList with generics in your main class to add only contact objects

Create a Contact class "Contact.java" with below attributes,

- name
- mobileNumber

Create constructor for Contact class with arguments name and mobile number

Add appropriate getter and setter methods for Contact class

Example:

Attribute - name

Method - getName(), setName(String name)

Input and Output Format:

First input corresponds to the number of contacts and followed by each contact information.

Provide serach option to search for a contact based on contact name and display the corresponding contact information.

Refer sample input and output for formatting specifications.

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

Sample Input/Output :

Enter number of contacts:

3

Enter Contact 1

Enter Contact Name

Pradeep

Enter Mobile Number

9855667580

Enter Contact 2

Enter Contact Name

Thana

Enter Mobile Number

8555211203

Enter Contact 3

Enter Contact Name

Amar

Enter Mobile Number

9956252500

Search contact by name:

Thana

Contact Name:Thana

Contact Mobile Number:8555211203

Sample Input/Output :

Enter number of contacts:

3

Enter Contact 1

Enter Contact Name

Pradeep

Enter Mobile Number
9855667580
Enter Contact 2
Enter Contact Name
Thana
Enter Mobile Number
8555211203
Enter Contact 3
Enter Contact Name
Amar
Enter Mobile Number
9956252500
Search contact by name:
Jimesh
Contact not found

Sections | Finish