PROG 1_ DISPLAY USER DETAILS

Display user details

Devi started a Moblie accessories and Gadgets shop in her city. Youngsters today are more attached towards gadgets, the reason why Devi chose to invest in this industry. Undoubtedly she had a decent customer base visiting her shop everyday. To ease her job in maintaining the details of her Users, she wanted an automated system that will search a specific User detail based on two search types –one search using username and the other search using Firstname and Lastname and display the details of that User.

One of the key benefits of using Object –oriented programming is Method overloading is the ability to create multiple methods of the same name in the some class with different implementations.

Write a program using Method overloading concept using two methods with that will help Devi to search User details, one search using Username and the other using Firtstname and Lastname.

Create a class named under **User** with the following private member variables /attributes.

- String a userName
- String a firstName
- String a lastName
- String contact

Include a 4-argument argument constructor with following order **username,firstName,lastName,contact** .Include appropriate getters,setters and default constructor.

This class includes the following methods:

No	Method Name	Description
1	User findUser(User Array [].String user Name)	In this method, find the appropriate user by username and the return the user object, otherwise return null.
2	User findUser(User Array [].String first Name,String last Name)	In this method, find the appropriate user by firstname and lastname and the return the user object, otherwise return null.

Create a Main class to access the above class methods and display the user details.

[Note : Strictly adhere to the object oriented specifications given as a part of the problem statement. Use the same class names, attribute names and method names.]

Input and output Format:

If the user is not present display 'User not found'

Refer sample input and output for formatting specification.

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

Sample Input and Output 1:

Enter the total number of users

2

Enter user details

Peeter,peeter,mark, 9965000001

John,john,sam, 9500484444

1. Search user by user name
2. Search user by first name and last name

Enter your option

 1

Enter the user name to search

Peeter

User details :

Username :peeter

First Name :peeter

LastName :mark

Contact : 9965000001

Sample Input and Output 2:

Enter the total number of users

1

Enter user details

Suriya,suriya,sivakumar,9966554433

1. Search user by user name
2. Search user by first name and last name

Enter your option

 1

Enter the user name to search

Sivakumar

User not found