

[[x]](http://app.e-box.co.in/user/removeEventNotification?eventId=1)

**Dear Users, We have migrated e-box to upgraded softwares and Operating system for the usage of advanced courses (to support auto-evaluation of Hadoop and advanced Python Libraries). This is resulting in a few compatibility issues with the operating system. We are working on it and we shall resolve the same on or before 13th July. Thanks for your patience.**

窗体顶端

LP\_JAVA\_CFP\_PREP 2

* **[Nitish Kumar](http://app.e-box.co.in/amphiSession/processSession?switchScreen=2)**

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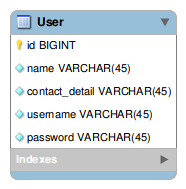
[FINISH TEST](http://app.e-box.co.in/amphiSession/javascript:void(0))

窗体底端

[1](http://app.e-box.co.in/amphiSession/processSession?switchScreen=2" \o "Delete based on condition)

## **PROBLEM**

**Delete based on condition**

Write a program to get the username and delete the user from the user table in database.  
  
The structure of the database is,  
  
  
  
Create a class **User** with the following private attributes,

|  |  |
| --- | --- |
| **Attributes** | **Data type** |
| id | Long |
| name | String |
| mobileNumber | String |
| username | String |
| password | String |

Add appropriate getter/setter, default and parameterized constructor. Override toString() and print the details in the tabular form.  
  
Create a class **UserDAO** with the following methods,

|  |  |
| --- | --- |
| **Method** | **Description** |
| List<User> getAllUser() | this method gets the user details from the user table and create user objects using the details and add the user objects in a list and returns the list. |
| Boolean deleteUser(String username) | this method gets username as the argument and deletes the user with the given username from the table and returns true. If the user with the given username is not available it returns false. |

Create a class **DbConnection** with the following static methods,

|  |  |
| --- | --- |
| **Method** | **Description** |
| static Connection getConnection() | this method uses "mysql.properties" file as resource file and gets connection object for the mysql database and return the connection object. |

Create a driver class **Main** and use the main method for the user interactions.  
  
The class **DbConnection** use the following resource bundle access,  
        ResourceBundle rb = ResourceBundle.getBundle("mysql");  
        String url = rb.getString("db.url");  
        String username = rb.getString("db.username");  
        String password = rb.getString("db.password");  
  
And the **mysql.properties** file has following data,  
       db.url=jdbc:mysql://localhost:3306/db\_name  
       db.username=root  
       db.password=student  
  
**Note**: Use "%-15s%-15s%-15s%-15s" while displaying hall objects in tabular form. Print "User not found" if the method deleteUser returns false, else print "User deleted successfully" in main.  
  
Refer sample input/output for further details and format of the output.  
  
**[All Texts in bold corresponds to the input and rest are output]  
Sample Input/Output 1:**  
  
Name           Mobile         Username       Password         
John           9876543210     johny          12345            
Peter          9873216540     peterey        pet123           
Adam           9871236504     adamanta       ad@123           
Linda          8794561320     lindahere      abcd             
Tony           7894561230     tonii          abc123           
Enter the username to be deleted:  
**Jim**  
User not found  
Name           Mobile         Username       Password         
John           9876543210     johny          12345            
Peter          9873216540     peterey        pet123           
Adam           9871236504     adamanta       ad@123           
Linda          8794561320     lindahere      abcd             
Tony           7894561230     tonii          abc123           
  
**Sample Input/Output 2:**  
  
Name           Mobile         Username       Password         
John           9876543210     johny          12345            
Peter          9873216540     peterey        pet123           
Adam           9871236504     adamanta       ad@123           
Linda          8794561320     lindahere      abcd             
Tony           7894561230     tonii          abc123           
Enter the username to be deleted:  
**lindahere**  
User deleted successfully  
Name           Mobile         Username       Password         
John           9876543210     johny          12345            
Peter          9873216540     peterey        pet123           
Adam           9871236504     adamanta       ad@123           
Tony           7894561230     tonii          abc123

[SCROLL DOWN TO SOLVE](http://app.e-box.co.in/amphiSession/processSession?switchScreen=2" \l "slove-attempt)

## PROGRAM

Java

SUBMIT

Please name the class with the "public static void main() " as Main

[COMPILE](http://app.e-box.co.in/amphiSession/javascript:void(0)" \o "Compile your code )[EXECUTE](http://app.e-box.co.in/amphiSession/javascript:void(0)" \o "Execute your code)[VALIDATE](http://app.e-box.co.in/amphiSession/javascript:void(0)" \o "Validates your code against visible test cases)[RESET](http://app.e-box.co.in/amphiSession/javascript:void(0))[SQL EDITOR](http://app.e-box.co.in/amphiSession/javascript:void(0)" \o "Click here to Open Sql Editor)[PREVIOUS SUBMISSIONS](http://app.e-box.co.in/amphiSession/processSession?switchScreen=2)