```
import java.sql.Connection;
import java.sql.DriverManager;
import java.sql.ResultSet;
import java.sql.SQLException;
import java.sql.Statement;
import java.util.Scanner;
import java.sql.PreparedStatement;

public class AccountWorking {


    public static void transactionWithdraw(String username, String password, int accountnumber,
int withdraw){

        String url="jdbc:mysql://localhost:3306/java";
        String un="root";
        String pw="1234";
        Connection con=null;
        Statement stmt=null;
        String query="Select * from Bankaccount;";
        String query1="update Bankaccount set TotalAmount=? where Accountnumber=?;";
        String query2="update Bankaccount set withdrawl=? where Accountnumber=?;";
        int count=0;
        int count1=0;
        PreparedStatement pstmt=null;
        PreparedStatement pstmt1=null;
        try {
            Class.forName("com.mysql.cj.jdbc.Driver");
            System.out.println("Driver class given by vendor uploaded");
            con=DriverManager.getConnection(url, un, pw);
            System.out.println("Connection estabilished between Database server and Java
Application");
            stmt=con.createStatement();
            ResultSet result=stmt.executeQuery(query);

            while (result.next()) {
                if (result.getString("username").equals(username) &&
result.getString("pwd").equals(password)) {
                    System.out.println("Login successful! Welcome SBI internet banking");
                    count++;
                    if (result.getInt("TotalAmount")>withdraw) {
                        count1++;
                        int total=result.getInt("TotalAmount");
                        int newamount=(total-withdraw);
                        pstmt= con.prepareStatement(query1);
                        pstmt.setInt(1, newamount);
                        pstmt.setInt(2, accountnumber);
                        pstmt.executeUpdate();
                        pstmt1= con.prepareStatement(query2);
                        pstmt1.setInt(1, withdraw);
                        pstmt1.setInt(2, accountnumber);
                        pstmt1.executeUpdate();
                        System.out.println("Available balance for the account number:
"+result.getInt("Accountnumber")+" "+newamount);
                        break;
                    }

                }
            }

            if (count1==0) {

                System.out.println("Insufficient Amount");
            }
            if (count==0) {

            System.out.println("Login failed! Please re-enter your credentials");
            }
```

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        } catch (ClassNotFoundException | SQLException e) {
            // TODO Auto-generated catch block
            e.printStackTrace();
        }

        finally{

            try {
                stmt.close();
                System.out.println("Prepared statement connection closed");
                con.close();
                System.out.println("Connection with database server disabled");
            } catch (SQLException e) {
                // TODO Auto-generated catch block
                e.printStackTrace();
            }
        }

    }


    public static void transactionDeposit(String username, String password, int accountnumber, int
deposit){

        String url="jdbc:mysql://localhost:3306/java";
        String un="root";
        String pw="1234";
        Connection con=null;
        Statement stmt=null;
        String query="Select * from Bankaccount;";
        String query1="update Bankaccount set TotalAmount=? where Accountnumber=?;";
        String query2="update Bankaccount set Deposit=? where Accountnumber=?;";
        int count=0;
        PreparedStatement pstmt=null;
        PreparedStatement pstmt1=null;
        try {
            Class.forName("com.mysql.cj.jdbc.Driver");
            System.out.println("Driver class given by vendor uploaded");
            con=DriverManager.getConnection(url, un, pw);
            System.out.println("Connection estabilished between Database server and Java
Application");
            stmt=con.createStatement();
            ResultSet result=stmt.executeQuery(query);

            while (result.next()) {
                if (result.getString("username").equals(username) &&
result.getString("pwd").equals(password)) {

                        count++;
                        System.out.println("Login successful! Welcome SBI internet banking");
                        int total=result.getInt("TotalAmount");
                        int newamount=deposit+total;
                        pstmt= con.prepareStatement(query1);
                        pstmt.setInt(1, newamount);
                        pstmt.setInt(2, accountnumber);
                        pstmt.executeUpdate();
                        pstmt1= con.prepareStatement(query2);
                        pstmt1.setInt(1, deposit);
                        pstmt1.setInt(2, accountnumber);
                        pstmt1.executeUpdate();
                        System.out.println("Available balance for the account number:
"+result.getInt("Accountnumber")+" "+newamount);
                        break;
                }
            }

            if (count==0) {
```

```
            System.out.println("Login failed! Please re-enter your credentials");
            }


        } catch (ClassNotFoundException | SQLException e) {
            // TODO Auto-generated catch block
            e.printStackTrace();
        }

        finally{

            try {
                stmt.close();
                System.out.println("Prepared statement connection closed");
                con.close();
                System.out.println("Connection with database server disabled");
            } catch (SQLException e) {
                // TODO Auto-generated catch block
                e.printStackTrace();
            }
        }

    }


    public static void main(String[] args) {

        Scanner scan=new Scanner(System.in);
        System.out.println("Welcome to SBI internet banking");

        System.out.print("Enter w for withdraw or d for deposit: ");
        String value=scan.nextLine();

        if (value.equals("w")) {

            System.out.print("Enter your username: ");
            String user=scan.nextLine();

            System.out.print("Enter your password: ");
            String pwd=scan.nextLine();

            System.out.print("Enter your Account number: ");
            int acno=scan.nextInt();

            System.out.println("Enter the amount you want to withdraw: ");
            int withdraw=scan.nextInt();


            transactionWithdraw(user, pwd, acno, withdraw);

        }

        else if(value.equals("d")){

            System.out.print("Enter your username: ");
            String user=scan.nextLine();

            System.out.print("Enter your password: ");
            String pwd=scan.nextLine();

            System.out.print("Enter your Account number: ");
            int acno=scan.nextInt();

            System.out.println("Enter the amount you want to deposit: ");
            int deposit=scan.nextInt();

            transactionDeposit(user, pwd, acno, deposit);

        }
```

```
        else {

            System.out.println("Thank you! Please visit again");

        }
    }
}
```