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import javax.swing.*;
import java.awt.*;
import java.awt.event.*;
import java . sql.*;

public class Login extends JFrame implements ActionListener{

    JButton login, cancel;
    JTextField tfusername , tfpassword;

    Login(){

        getContentPane();
        setBackground(Color.white);
        setTitle("administration login");
        JLabel lblusername = new JLabel ("USERNAME :");
        lblusername.setBounds(40,60,100,20);
        add (lblusername);

        tfusername = new JTextField();
        tfusername.setBounds(150,60,150,20);
        add(tfusername);

        JLabel lblpassword = new JLabel ("PASSWORD :");
        lblpassword.setBounds(40,110,100,20);
        add (lblpassword);

        tfpassword = new JPasswordField();
        tfpassword.setBounds(150,110,150,20);
        add(tfpassword);

        JButton login = new JButton("LOGIN");
        add(login);
        login.setBounds(90,200,150,30);
        login.setBackground (Color.orange);
        login.setForeground(Color.BLACK);

        login.addActionListener(this);

        login.setFont(new Font ("Arial", Font.BOLD,15));

        /*JButton cancel = new JButton("CANCEL");
        add(cancel);
        cancel.setBounds(180,140,120,30);
        cancel.setBackground (Color.black);
        cancel.setForeground(Color.WHITE);
        //cancel.addActionListener(this);
        cancel.setFont(new Font ("Arial", Font.BOLD,15));
        */

        ImageIcon i1 = new ImageIcon (ClassLoader .getSystemResource
("icons/log.jpg")); //add image for background
        Image i2 = i1.getImage(). getScaledInstance(200,200,Image.SCALE_DEFAULT);
        ImageIcon i3 = new ImageIcon(i2);

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JLabel image = new JLabel(i3);
image.setBounds(350,20,200,200);
add(image);

setSize(600,300);
setLocation(500,250);
setLayout(null);
setVisible(true);
}
public void actionPerformed(ActionEvent ae) {


    String username = tfusername.getText();
    String password = tfpassword.getText();

    String query = "select * from login where username = '" + username +
    "'and password= '" + password+ "'";
    //execute query
    try {
        Conn c = new Conn();
        ResultSet rs = c.s.executeQuery(query);

        if(rs.next()) { //if result set has value then if will
execute
            new Project();
        }else {
            JOptionPane.showMessageDialog(null,"INVALID USERNAME OR
PASSWORD" );
        }
    }
    catch(Exception e){
        e.printStackTrace();
    }
}

public static void main(String[]args) {
    new Login();
}
}

```

 administration login

USERNAME :

PASSWORD :

LOGIN

