**COSC 1200 – Object Oriented Programming I (Winter 2024)**

**Assignment 5: Vet Clinic Patient Registration**

**Correct Credentials**

A screenshot of a computer

Description automatically generated

**Incorrect Credentials**

A screenshot of a computer

Description automatically generated\C

**Code**

import javax.swing.\*;  
import java.awt.event.\*;  
import java.util.Arrays;  
import java.util.Objects;  
  
public class PasswordFieldExample {  
 public static void main(String[] args) {  
 final String usernameCredentials = "Christian";  
 final String passwordCredentials = "100919830";  
 JFrame f=new JFrame("Password Field Example");  
 final JLabel label = new JLabel();  
 label.setBounds(20,150, 200,50);  
 final JPasswordField value = new JPasswordField();  
 value.setBounds(140,75,100,30); //PASSWORD FIELD  
 JLabel l1=new JLabel("Enter User name:");  
 l1.setBounds(0,20, 130,30);  
 JLabel l2=new JLabel("Enter Password:");  
 l2.setBounds(0,75, 100,30);  
 JButton b = new JButton("Click Here");  
 b.setBounds(5,120, 100,30);  
 final JTextField text = new JTextField();  
 text.setBounds(130,20, 100,30);  
 f.add(value);  
 f.add(l1);  
 f.add(label);  
 f.add(l2);  
 f.add(b);  
 f.add(text);  
 f.setSize(400,400);  
 f.setLayout(null);  
 f.setVisible(true);  
 b.addActionListener(new ActionListener() {  
 public void actionPerformed(ActionEvent e) {  
 String Username = text.getText();  
 if (Objects.*equals*(Username, usernameCredentials)) {  
 JOptionPane.*showMessageDialog*(f,"Username and Password are correct","Alert",  
 JOptionPane.*WARNING\_MESSAGE*);  
 }  
 String Password = Arrays.*toString*(value.getPassword());  
 if (Objects.*equals*(Password, passwordCredentials)) {  
 JOptionPane.*showMessageDialog*(f,"Username and Password are correct","Alert",  
 JOptionPane.*WARNING\_MESSAGE*);  
 }  
 if (!Objects.*equals*(Username, usernameCredentials)) {  
 JOptionPane.*showMessageDialog*(f,"Username and Password are Incorrect","Alert",  
 JOptionPane.*WARNING\_MESSAGE*);  
 }  
 if (!Password.equals(passwordCredentials)) {  
 JOptionPane.*showMessageDialog*(f,"Username and Password are Incorrect","Alert",  
 JOptionPane.*WARNING\_MESSAGE*);  
 }  
/\* data += STR.", Password: \{new String(value.getPassword())}";  
 label.setText(data);\*/  
 }  
 });  
 }  
}