

PROGRAM TITLE:Create an Applet using Java to insert records into the database using a simple form. Show relevant message if passwords entered do not match.

PROGRAM CODE:

```
import java.awt.*;

import javax.swing.*;

import java.awt.event.ActionEvent;
import java.awt.event.ActionListener;
import java.sql.*;
import java.util.Vector;

@SuppressWarnings("serial")
public class Regform extends JFrame implements ActionListener
{
    JLabel l1,l2,l3,l4,l5;
    JTextField t1;
    JButton b1,b2;
    JPasswordField p1,p2;
    JComboBox c1;

    Connection c;
    ResultSet r,r1;
    Font f = new Font("Serif",Font.BOLD,20);
    Regform()
    {
        setVisible(true);
        setSize(700,700);
        setLayout(null);
        setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
        setTitle("Registration Form");

        l1 = new JLabel("Registration Form in GUI Format");
        l1.setForeground(Color.LIGHT_GRAY);
        l1.setFont(f);

        l2 = new JLabel("Name: ");
        l3 = new JLabel("Create Password: ");
        l4 = new JLabel("Confirm Password: ");
        l5 = new JLabel("Country: ");

        t1 = new JTextField();
        p1 = new JPasswordField();
        p2 = new JPasswordField();
        b1 = new JButton("Submit");
        b2 = new JButton("Reset");

        b1.addActionListener(this);
        b2.addActionListener(this);

        l1.setBounds(100, 30, 400, 30);
        l2.setBounds(80, 70, 200, 30);
        l3.setBounds(80, 110, 200, 30);
        l4.setBounds(80, 150, 200, 30);
        l5.setBounds(80, 190, 200, 30);
        t1.setBounds(300, 70, 200, 30);
        p1.setBounds(300, 110, 200, 30);
```

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        p2.setBounds(300, 150, 200, 30);
        b1.setBounds(200, 350, 100, 30);
        b2.setBounds(320, 350, 100, 30);

        add(l1);
        add(l2);
        add(t1);
        add(l3);
        add(p1);
        add(l4);
        add(p2);
        add(l5);
        add(b1);
        add(b2);

        try
        {
            Class.forName("oracle.jdbc.driver.OracleDriver");
            c =
DriverManager.getConnection("jdbc:oracle:thin:@localhost:1521:xe", "system", "oracle");
            Statement st = c.createStatement();
            String str = "select country from reg";
            r = st.executeQuery(str);
            Vector v = new Vector();
            while(r.next())
            {
                String id = r.getString(1);
                v.add(id);
            }
            c1 = new JComboBox(v);
            c1.setBounds(300, 190, 200, 30);
            st.close();
            r.close();
            add(c1);
        }
        catch(Exception E)
        {
        }
    }

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

    @Override
    public void actionPerformed(ActionEvent e)
    {
        if(e.getSource() == b1)
        {
            String s1 = t1.getText();
            char[] s2 = p1.getPassword();
            char[] s3 = p2.getPassword();
            String s4 = new String(s2);
            String s5 = new String(s3);
            String s6 = c1.getToolTipText();
            if(s4.equals(s5))
            {
                try
                {
                    Class.forName("oracle.jdbc.driver.OracleDriver");
                    Connection c =
DriverManager.getConnection("jdbc:oracle:thin:@localhost:1521:xe", "system", "oracle");

```

```

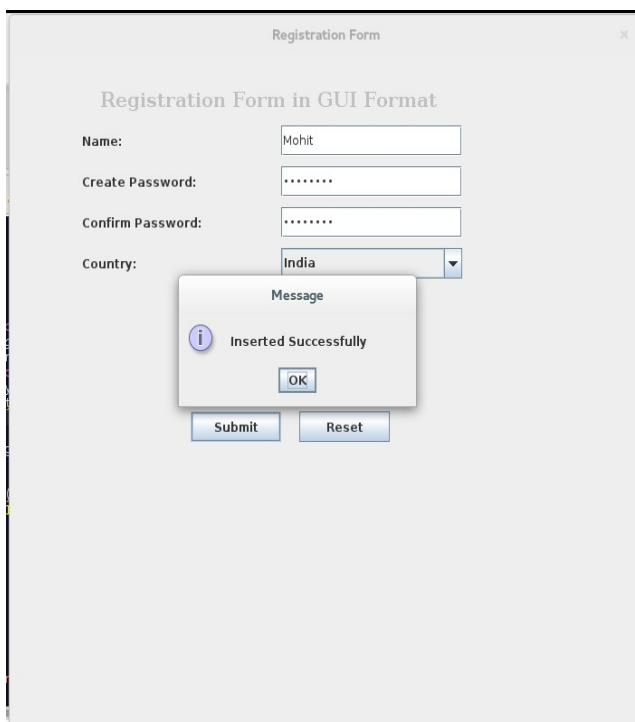
Statement st = c.createStatement();
String str = "Insert into reg values('" + s1 + "','" + s4
+ "','" + s6 + "')";

st.executeUpdate(str);
JOptionPane.showMessageDialog(b1, "Inserted
Successfully");

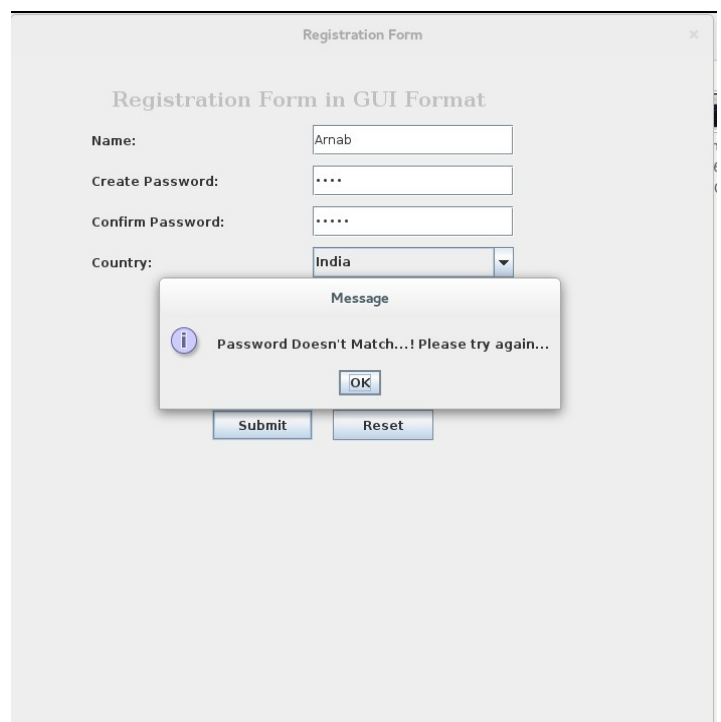
t1.setText("");
p1.setText("");
p2.setText("");
}
catch(Exception E) {}
}
else
{
JOptionPane.showMessageDialog(b1, "Password Doesn't Match...!
Please try again...");
p1.setText("");
p2.setText("");
c1.setToolTipText("");
}
}
else
{
t1.setText("");
p1.setText("");
p2.setText("");
c1.setToolTipText("");
}
}
}
}

```

OUTPUT :



Applet showing message when record successfully inserted



Applet showing message when passwords don't match.