java -classpath .;hsql.jar Prova

java -classpath .;hsql.jar org.hsql.WebServer



import java.awt.\*;

import java.awt.event.\*;

import java.sql.\*;

import javax.swing.\*;

public class Prova extends JFrame {

  Connection con;

  Statement stmt;

  JButton bt1;

  JTextField tf1, tf2, tf3, tf4;

  PreparedStatement pStmt;

  public Prova() {

    super("Prova 2");

    setDefaultCloseOperation(JFrame.EXIT\_ON\_CLOSE);

    initBD();

    createTable();

    insertTable();

    pack();

    setVisible(true);

  }

  public void initBD() {

    try {

      Class.forName("org.hsql.jdbcDriver");

      con = DriverManager.getConnection("jdbc:HypersonicSQL:http://127.0.0.1", "sa", "");

      stmt = con.createStatement();

    } catch (ClassNotFoundException erro) {

      JOptionPane.showMessageDialog(null, "Error: " + erro, "Erro", JOptionPane.ERROR\_MESSAGE);

      System.exit(1);

    } catch (SQLException erro) {

      JOptionPane.showMessageDialog(null, "Error: " + erro, "Erro", JOptionPane.ERROR\_MESSAGE);

      System.exit(1);

    }

  }

  public void createTable() {

    try {

      stmt.executeUpdate(

          "CREATE TABLE CLIENTES (NOME VARCHAR(30), ENDERECO VARCHAR(30), CPF VARCHAR(30), TELEFONE VARCHAR(30))");

      JOptionPane.showMessageDialog(null, "Tabela criada com sucesso!", "Sucesso", JOptionPane.INFORMATION\_MESSAGE);

    } catch (SQLException erro) {

      JOptionPane.showMessageDialog(null, "Error: " + erro, "Erro", JOptionPane.ERROR\_MESSAGE);

    } catch (NullPointerException erro) {

      JOptionPane.showMessageDialog(null, "Error: " + erro, "Erro", JOptionPane.ERROR\_MESSAGE);

    }

  }

  public void insertTable() {

    try {

      pStmt = con.prepareStatement("INSERT INTO CLIENTES VALUES (?, ?, ?, ?)");

      JPanel panel = new JPanel(new GridLayout(4, 2));

      panel.add(new JLabel("Nome: "));

      panel.add(tf1 = new JTextField(30));

      panel.add(new JLabel("ENDERECO: "));

      panel.add(tf2 = new JTextField(10));

      panel.add(new JLabel("CPF: "));

      panel.add(tf3 = new JTextField(5));

      panel.add(new JLabel("TELEFONE: "));

      panel.add(tf4 = new JTextField(5));

      add(panel, BorderLayout.NORTH);

      add(bt1 = new JButton("inserir"), BorderLayout.SOUTH);

      bt1.addActionListener(new ActionListener() {

        public void actionPerformed(ActionEvent e) {

          try {

            pStmt.setString(1, tf1.getText());

            pStmt.setString(2, tf2.getText());

            pStmt.setString(3, tf3.getText());

            pStmt.setString(4, tf4.getText());

            tf1.setText("");

            tf2.setText("");

            tf3.setText("");

            tf4.setText("");

            pStmt.executeUpdate();

            JOptionPane.showMessageDialog(null, "Dado inserido com sucesso!", "Sucesso",

                JOptionPane.INFORMATION\_MESSAGE);

          } catch (Exception erro) {

            JOptionPane.showMessageDialog(null, "erro: " + erro, "Erro", JOptionPane.ERROR\_MESSAGE);

          }

        }

      });

    } catch (Exception erro) {

      JOptionPane.showMessageDialog(null, "erro: " + erro, "Erro", JOptionPane.ERROR\_MESSAGE);

    }

  }

  public void terminate() {

    try {

      stmt.close();

      con.close();

      pStmt.close();

    } catch (SQLException erro) {

      JOptionPane.showMessageDialog(null, "Error: " + erro, "Erro", JOptionPane.ERROR\_MESSAGE);

    }

  }

  public static void main(String[] args) {

    new Prova();

  }

}