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

class dbinsert extends JFrame implements ActionListener
{
    JTextField regno,name,mark;
    JButton sea,lis,ins,del,upd,cle;
    JLabel lregno,lname,lmark,status;
    dbinsert(){
        setTitle("Student Management System");
        setSize(600,600);
        setLayout(null);
        setDefaultCloseOperation(EXIT_ON_CLOSE);
        setLocationRelativeTo(null);

        lregno=new JLabel("Register number");
        lregno.setBounds(20,50,100,50);add(lregno);
        regno=new JTextField();
        regno.setBounds(180,50,100,50);add(regno);

        lname=new JLabel("Name");
        lname.setBounds(20,110,100,50);add(lname);
        name=new JTextField();
        name.setBounds(180,110,100,50);add(name);

        lmark=new JLabel("Mark");
        lmark.setBounds(20,170,100,50);add(lmark);
        mark=new JTextField();
        mark.setBounds(180,170,100,50);add(mark);

        ins=new JButton("Insert");ins.setBounds(350,150,100,50);add(ins);
        cle=new JButton("Clear");cle.setBounds(350,300,100,50);add(cle);
        status=new JLabel("-----");status.setBounds(50,350,250,50);add(status);

        ins.addActionListener(this);
        cle.addActionListener(this);

        setVisible(true);
    }
    public void actionPerformed(ActionEvent ae){
        Object source;
        source=ae.getSource();
        if(source==ins)
            insert();
        else if(source==cle)
            clear();
    }
}

```

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void insert()
{
    Connection con=null;
    String sql;
    try{
        con=DBConnect();
        int reg=Integer.parseInt(regno.getText());
        Statement stmt=con.createStatement();
        sql="select * from s4ct where id="+reg;
        ResultSet rs=stmt.executeQuery(sql);
        if(rs.next())
        {
            status.setText(reg+" already exists!!!");
        }
        else
        {
            String sname=name.getText();
            int smark=Integer.parseInt(mark.getText());
            sql="insert into s4ct(id,name,mark) values(?,?,?)";
            PreparedStatement prs=con.prepareStatement(sql);
            prs.setInt(1,reg);
            prs.setString(2,sname);
            prs.setInt(3,smark);
            prs.executeUpdate();
            status.setText(reg+" successfully Inserted!!!");
        }
        con.close();
    }
    catch(SQLException e)
    {e.printStackTrace();
    }
}

void clear()
{regno.setText("");
name.setText("");
mark.setText("");
status.setText("");
}

Connection DBConnect()
{
    Connection conn=null;
    try{
        Class.forName("com.mysql.cj.jdbc.Driver");
        conn=DriverManager.getConnection(
            "jdbc:mysql://localhost:3306/myDB","root","Password*123");
    }catch(Exception e)
    { System.out.println(e);}
    return conn;
}

public static void main(String args[])
{

```

```
new dbinsert();  
}  
}
```