Demonstrate a project to set up JDBC environment.(Unassisted Practice):

Index.html:

```
<center><h3>JDBC Init Demo</h3></center>
<a href="init" >Initialize JDBC here</a>
<center><h3>JDBC Statement, Query Demo</h3></center>
<a href="statement-demo" >DBC Statement, Query Demo here</a>
```

JDBCStatmentDemo:

```
package com.simpli;

import java.io.*;
import java.sql.*;
import java.util.Properties;

import javax.servlet.ServletException;
import javax.servlet.annotation.WebServlet;
import javax.servlet.http.*;

@WebServlet("/statement-demo")
public class JDBCStatementDemo extends HttpServlet {
	private static final long serialVersionUID = 1L;
	Connection connection = null;

	@Override
	public void init() throws ServletException {
		super.init();
protected void doGet(HttpServletRequest request, HttpServletResponse response)
				throws ServletException, IOException {
```

```
PrintWriter out = response.getWriter();
out.println("<html><body>");

try {
    // Step 3: create the statement
    Statement stmt =
connection.createStatement(ResultSet.TYPE_SCROLL_INSENSITIVE, ResultSet.CONCUR_READ_ONLY);

    // Step 4: Get the results (row data) from server
    ResultSet rs = stmt.executeQuery("SELECT * from eproduct");

    out.println("eproduct Table data<br>");
    while (rs.next()) {
        String ID = rs.getString("ID");
        String name = rs.getString("name");
        float price = rs.getFloat("price");
        String date_added = rs.getString("date_added");

        out.println(ID + ", " + name + ", " + price + ", " + date_added +
"<br>");
    }

} catch (SQLException e) {
    e.printStackTrace();
}

// Demo inserting new row
try {
    Statement stmt2 = connection.createStatement();
    int count = stmt2.executeUpdate("INSERT INTO eproduct(name,price)
values('Phllips Mixer', 2000.60));");
out.println("Added" + count + "row");
```

}

Catch (SQLException e) {

}

Output: