**config.properties:**

driverName=com.mysql.cj.jdbc.Driver

connectionString=jdbc:mysql://localhost:3306/myproducts

username=root

password=password

**index.html:**

<!DOCTYPE html>

<html>

<head>

<meta charset=*"ISO-8859-1"*>

<title>CRUD Operations</title>

</head>

<body>

<form action=*"ProductServlet"* method=*"get"*>

<div>

<label for=*"pid"*>Product ID</label>

<input type=*"number"* name=*"pid"* id=*"pid"* required />

</div>

<input type=*"submit"* value=*"Search"* />

</form>

</body>

</html>

**DB.java:**

**package** connection;

**import** java.io.FileReader;

**import** java.sql.Connection;

**import** java.sql.DriverManager;

**import** java.util.Properties;

**public** **class** DB {

**private** **static** String *driverName*, *connectionString*, *username*, *password*;

**public** **static** Connection connectToDB() {

Connection conObj = **null**;

**try** {

String app\_path = "C:\\Users\\tusha\\eclipse-workspace\\Product Details";

app\_path = app\_path + "\\src\\config.properties";

FileReader file = **new** FileReader(app\_path);

Properties properties = **new** Properties();

properties.load(file);

*driverName* = properties.getProperty("driverName");

*connectionString* = properties.getProperty("connectionString");

*username* = properties.getProperty("username");

*password* = properties.getProperty("password");

Class.*forName*(*driverName*);

conObj = DriverManager.*getConnection*(*connectionString*, *username*, *password*);

**if**(conObj != **null**) {

System.***out***.println("Connected to DB......");

}

} **catch** (Exception e) {

e.printStackTrace();

}

**return** conObj;

}

}

**ProductServlet.java:**

**package** service;

**import** java.io.IOException;

**import** java.io.PrintWriter;

**import** java.sql.Connection;

**import** java.sql.PreparedStatement;

**import** java.sql.ResultSet;

**import** javax.servlet.ServletException;

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

**import** javax.servlet.http.HttpServlet;

**import** javax.servlet.http.HttpServletRequest;

**import** javax.servlet.http.HttpServletResponse;

**import** connection.DB;

/\*\*

\* Servlet implementation class ProductServlet

\*/

@WebServlet("/ProductServlet")

**public** **class** ProductServlet **extends** HttpServlet {

**private** Connection conObj = **null**;

**private** **static** **final** **long** ***serialVersionUID*** = 1L;

/\*\*

\* **@see** HttpServlet#HttpServlet()

\*/

**public** ProductServlet() {

**super**();

conObj = DB.*connectToDB*();

}

/\*\*

\* **@see** HttpServlet#doGet(HttpServletRequest request, HttpServletResponse response)

\*/

**protected** **void** doGet(HttpServletRequest request, HttpServletResponse response) **throws** ServletException, IOException {

**try** {

**int** productId = Integer.*parseInt*(request.getParameter("pid"));

PrintWriter out = response.getWriter();

response.setContentType("text/html");

String query = "select \* from products where productId = ?";

PreparedStatement statement = conObj.prepareStatement(query);

statement.setInt(1, productId);

ResultSet res = statement.executeQuery();

**if**(res.next()) {

out.println("<p>Product ID: "+res.getInt("productId")+"</p>");

out.println("<p>Product Name: "+res.getString("pname")+"</p>");

out.println("<p>Product Price: "+res.getDouble("price")+"</p>");

out.println("<br/>");

}

**else** {

out.println("<p style='color: red;'>Product not found!</p>");

}

statement.close();

conObj.close();

} **catch** (Exception e) {

e.printStackTrace();

}

}

/\*\*

\* **@see** HttpServlet#doPost(HttpServletRequest request, HttpServletResponse response)

\*/

**protected** **void** doPost(HttpServletRequest request, HttpServletResponse response) **throws** ServletException, IOException {

// **TODO** Auto-generated method stub

doGet(request, response);

}

}