**JDBC Connections, Statements, and Result Sets**

Creation of table and inserting value

CREATE TABLE eproduct (ID bigint primary key auto\_increment,

name varchar(100),

price decimal(10,2),

date\_added timestamp default now());

INSERT INTO eproduct(name,price) values('HP', 12000) ;

INSERT INTO eproduct(name,price) values('Acer', 14000) ;

INSERT INTO eproduct(name,price) values( 'Lenovo', 12000) ;

HTML File

<!DOCTYPE html>

<html>

<head>

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

<title>Insert title here</title>

</head>

<body>

<a href="ProductDetails">Product Info</a><br>

</form>

</body>

</html>

Connection class

package com.connect;

import java.sql.Connection;

import java.sql.DriverManager;

public class DbConnection {

public static Connection getConnection()

{

Connection con = null;

try

{

Class.forName("com.mysql.cj.jdbc.Driver");

con = DriverManager.getConnection("jdbc:mysql://localhost:3306/mphasis", "root", "sonikaSHETTY#17");

}

catch(Exception ex)

{

System.out.println(ex);

}

return con;

}

}

**Servlet File**

import java.io.IOException;

import java.io.InputStream;

import java.io.PrintWriter;

import java.math.BigDecimal;

import java.sql.CallableStatement;

import java.sql.Connection;

import java.sql.ResultSet;

import java.sql.SQLException;

import java.sql.Statement;

import java.util.Properties;

import java.util.Scanner;

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 com.connect.\*;

import com.connect.DbConnection;

/\*\*

\* Servlet implementation class ProductDetails

\*/

*@WebServlet*("/ProductDetails")

public class ProductDetails extends HttpServlet {

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

/\*\*

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

\*/

public ProductDetails() {

super();

// **TODO** Auto-generated constructor stub

}

/\*\*

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

\*/

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

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

response.setContentType("text/html");

PrintWriter out = response.getWriter();

try {

Connection conObj = DbConnection.*getConnection*();

Statement state = conObj.createStatement();

state.executeUpdate("INSERT INTO eproduct(name,price) values( 'Len', 12000)");

ResultSet rs = state.executeQuery("Select \* from eproduct");

out.print("<table width='100%' border='1'>");

out.print("<tr><th>name</th><th>price</th><th>date</th></tr>");

while(rs.next())

{

out.print("<tr>");

out.print("<td>" + rs.getString("name") + "</td>");

out.print("<td>" + rs.getBigDecimal("price") + "</td>");

out.print("<td>" + rs.getTimestamp("date\_added") + "</td>");

out.print("</tr>");

}

out.print("</table>");

out.print("<h3><a href='jdbcsetup.html'>Back</a></h3></p>");

} catch (SQLException 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);

}

}