**Retrieving the** Product **Details Using id**

Index.html

<!DOCTYPE html>

<html>

<head>

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

<title>Insert title here</title>

</head>

<body>

<h1>Retrieve data from MySQL</h1>

<form action=*"fetchJDBC"* method=*"Get"*>

<h3> Enter the id number whose data you wish to get.</h3>

<input type=*"text"* name=*"sid"*> <br>

<input type=*"submit"* value=*"fetch data"*>

</form>

</body>

</html>

Jdbc\_connect.java

**package** com;

**import** java.io.IOException;

**import** java.io.InputStream;

**import** java.io.PrintWriter;

**import** java.sql.Connection;

**import** java.sql.ResultSet;

**import** java.sql.SQLException;

**import** java.util.Properties;

**import** java.sql.Statement;

**import** javax.servlet.ServletException;

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

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

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

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

@WebServlet("/fetchJDBC")

**public** **class** jdbc\_connect **extends** HttpServlet

{

**static** **int** *sid*;

**protected** **void** service(HttpServletRequest req, HttpServletResponse res) **throws** ServletException, IOException

{

*sid*=Integer.*parseInt*(req.getParameter("sid"));

PrintWriter out= res.getWriter();

Properties props=**new** Properties();

res.setContentType("text/html");

InputStream in=getServletContext().getResourceAsStream("/WEB-INF/application.properties");

props.load(in);

Connection conn=jdbc\_config.*getConnection*(props);

**if**(conn!=**null**)

{

// out.print("Connection is Done Successfully"+sid);

**try** {

Statement stmt = conn.createStatement();

ResultSet rs=stmt.executeQuery("select \* from eproduct where id="+*sid*);

**while**(rs.next())

{

out.println(rs.getInt(1)+" ,"+rs.getString(2)+", "

+rs.getBigDecimal(3)+"<br>");

}

}

**catch** (SQLException e)

{

// **TODO** Auto-generated catch block

e.printStackTrace();

}

}

**else**

{

out.print("Connection not Established");

}

}

}

Web.xml

<?xml version=*"1.0"* encoding=*"UTF-8"*?>

<web-app xmlns:xsi=*"http://www.w3.org/2001/XMLSchema-instance"* xmlns=*"http://xmlns.jcp.org/xml/ns/javaee"* xsi:schemaLocation=*"http://xmlns.jcp.org/xml/ns/javaee http://xmlns.jcp.org/xml/ns/javaee/web-app\_4\_0.xsd"* id=*"WebApp\_ID"* version=*"4.0"*>

<display-name>retriveData</display-name>

<welcome-file-list>

<welcome-file>index.html</welcome-file>

<welcome-file>index.jsp</welcome-file>

<welcome-file>index.htm</welcome-file>

<welcome-file>default.html</welcome-file>

<welcome-file>default.jsp</welcome-file>

<welcome-file>default.htm</welcome-file>

</welcome-file-list>

</web-app>

Jdbc\_config.java

**package** com;

**import** java.sql.DriverManager;

**import** java.sql.SQLException;

**import** java.util.Properties;

**import** java.sql.Connection;

//import com.sun.jdi.connect.spi.Connection;

**public** **class** jdbc\_config

{

**static** Connection *con*=**null**;

**public** **static** Connection getConnection(Properties props)

{

String driver="com.mysql.cj.jdbc.Driver";

String url="jdbc:mysql://localhost:3306/ecommercial";

String username="root";

String password="arvind";

**try** {

// Load Driver

Class.*forName*(driver);

//get Connection and store it in con Object

*con* = DriverManager.*getConnection*(url,username,password);

**if**(*con*!=**null**)

{

System.***out***.println("Connection Established");

}**else** {

System.***out***.println("Error while making Connection");

}

}

**catch**(ClassNotFoundException e)

{

e.printStackTrace();

}

**catch**(SQLException e)

{

e.printStackTrace();

}

//create table eproduct (id bigint primary key auto\_increment,name varchar(100),price decimal(10,2));

//insert into eproduct(name,price) value(' mi mobile', 12000);

**return** *con*;

}

}

Application.properties

driver=com.mysql.cj.jdbc.Driver

url=jdbc:mysql://localhost:3306/ecommercial

username=root

password=arvind