**ProductServlet**

**import** java.io.IOException;

**import** java.io.PrintWriter;

**import** java.sql.Connection;

**import** java.sql.DriverManager;

**import** java.sql.PreparedStatement;

**import** java.sql.ResultSet;

**import** java.sql.Statement;

**import** javax.servlet.RequestDispatcher;

**import** javax.servlet.ServletException;

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

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

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

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

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

**public** ProductServlet() {

**super**();

}

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

**try** {

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

Connection con=DriverManager.*getConnection*("jdbc:mysql://localhost/mydb","root","Ashish@7");

Statement stm=con.createStatement();

PrintWriter pw=response.getWriter();

response.setContentType("text/html");

String sea=request.getParameter("sea");

**if**(sea.isEmpty()) {

pw.print("Give correct id to search!!<br> Try Again!!");

pw.print("<br><a href='Product.html'?Go to Home Page!</a>");

}**else** {

String sql="select \*from product where productId="+sea;

ResultSet rs=stm.executeQuery(sql);

**if**(rs.next()) {

pw.println("Product ID:"+rs.getInt("productId")+" And "+" Product:"+rs.getString("productname"));

}**else** {

pw.print("There is no any product with a product id : "+sea+" <br> Try Again");

pw.print("<br><a href='Product.html'? Go to Home Page!</a>");

}

}

}**catch**(Exception e) {

System.***out***.println(e);

}}

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

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

doGet(request, response);

}

}

**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>Product</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>

<servlet>

<servlet-name>ProductServlet</servlet-name>

<servlet-class>ProductServlet</servlet-class>

</servlet>

<servlet-mapping>

<servlet-name>ProductServlet</servlet-name>

<url-pattern>/ProductServlett</url-pattern>

</servlet-mapping>

</web-app>

**NewFile.html**

<!DOCTYPE html>

<html>

<head>

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

<title>PRODUCT DETAILS</title>

</head>

<body>

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

<h4>Enter the product id</h4> :<input type=*"text"* name=*"sea"*><br>

<hr>

<input type=*"submit"* value=*"SUBMIT"*>

</form>

</body>

</html>