Index.html:

<!DOCTYPE html>

<html>

<head>

<meta charset="UTF-8">

<title>Insert title here</title>

</head>

<body>

<p>

Enter the Product Id:-

</p>

<form action ="ProjectServlet" method="get">

<input type="number" name="id" placeholder="Id">

<button>Submit</button>

</form>

</body>

</html>

Servlet Program:

**package** projectservlet;

**import** java.io.IOException;

**import** java.io.PrintWriter;

**import** java.sql.Connection;

**import** java.sql.DriverManager;

**import** java.sql.ResultSet;

**import** java.sql.SQLException;

**import** java.sql.Statement;

**import** jakarta.servlet.ServletException;

**import** jakarta.servlet.http.HttpServlet;

**import** jakarta.servlet.http.HttpServletRequest;

**import** jakarta.servlet.http.HttpServletResponse;

**public** **class** ProjectServlet **extends** HttpServlet {

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

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

response.setContentType("text/html");

PrintWriter out = response.getWriter();

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

**if**(id ==**null**) {

out.println("Invalid Error");

**return**;

}

String url ="jdbc:mysql://localhost:3306/phase2";

String username ="root";

String password ="Root";

Connection conn= **null**;

**int** count =0;

**try** {

**try** {

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

} **catch** (ClassNotFoundException e) {

e.printStackTrace();

}

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

String subquery ="Select\* from PracticeProject where id =";

subquery = subquery.concat(id);

String query = subquery;

Statement stm = conn.createStatement();

ResultSet res = stm.executeQuery(query);

request.getRequestDispatcher("index.html").include(request, response);

**while**(res.next()) {

out.println("username "+res.getString("username"));

out.println("<br>");

out.println("price "+res.getInt("price"));

count++;

}

} **catch** (SQLException e) {

System.***out***.println("not Connected");

}**finally** {

**if**(count == 0) {

out.println("no record found");

}

**try** {

conn.close();

} **catch** (SQLException e) {

e.printStackTrace();

}

}

}

}

Web.Xml file:

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

<web-app xmlns:xsi=*"http://www.w3.org/2001/XMLSchema-instance"* xmlns=*"https://jakarta.ee/xml/ns/jakartaee"* xsi:schemaLocation=*"https://jakarta.ee/xml/ns/jakartaee https://jakarta.ee/xml/ns/jakartaee/web-app\_6\_0.xsd"*

id=*"WebApp\_ID"* version=*"6.0"*>

<display-name>Phase 2 Practice Project- 2</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>

<description></description>

<display-name>ProjectServlet</display-name>

<servlet-name>ProjectServlet</servlet-name>

<servlet-class>projectservlet.ProjectServlet</servlet-class>

</servlet>

<servlet-mapping>

<servlet-name>ProjectServlet</servlet-name>

<url-pattern>/ProjectServlet</url-pattern>

</servlet-mapping>

</web-app>