

## Retrieving the Product Details Using the Product ID.

### Source code:

#### ProductDetail.java

```
package com;
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.annotation.WebServlet;
import javax.servlet.http.HttpServlet;
import javax.servlet.http.HttpServletRequest;
import javax.servlet.http.HttpServletResponse;
import javax.servlet.http.HttpSession;
@WebServlet("/product")
public class ProductDetail extends HttpServlet{
    protected void doGet(HttpServletRequest request, HttpServletResponse
response) throws
        ServletException, IOException {
        String url="jdbc:mysql://localhost:3306/db";
        String uname="root";
        String pass="root";
        response.setContentType("text/html");

        String pId = request.getParameter("productid");

        PrintWriter out = response.getWriter();

        String query="select * from product where p_id=?";

        out.print("<h1>Displaying the Product Details</h1>");

        out.print("<table border='1'><tr><th>Product Id</th><th>Product
Name</th><th>Product Price</th></tr>");
        try {

            Class.forName("com.mysql.cj.jdbc.Driver");
            Connection dbCon = DriverManager.getConnection(url, uname, pass);
            PreparedStatement st= dbCon.prepareStatement(query);
            st.setString(1, pId);

            ResultSet rs =st.executeQuery();
```

```

while(rs.next()) {
    out.print("<tr><td>");
    out.println(rs.getInt(1));
    out.print("</td>");
    out.print("<td>");
    out.print(rs.getString(2));
    out.print("</td>");
    out.print("<td>");
    out.print(rs.getInt(3));
    out.print("</td>");
    out.print("</tr>");
}
}
catch(Exception e){
    System.out.println("Some Issue : "+ e.getMessage());
}
out.print("</table>");
}
}

```

## index.html

```

<!DOCTYPE html>
<html>
<head>
<meta charset="ISO-8859-1">
<title>Insert title here</title>
</head>
<body>
<h1 style="color:Navy;">Product Id</h1>
<form action="ProductDetail" method="get">
    <input type="text" name="productid" placeholder="Product Id">
    <button>Search</button>
</form>
</body>
</html>

```