

Product Details Portal – Source Code

(Phase 2 – Practice Project 4)

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Git Link : [simpliLearn/Phase-2/40-pracProj-JSPProductDetails at main · K-V-Sagar/simpliLearn \(github.com\)](https://github.com/K-V-Sagar/simpliLearn/tree/main/Phase-2/40-pracProj-JSPProductDetails)

readProdDetails.html

```
<!DOCTYPE html>
<html>
<head>
<meta charset="ISO-8859-1">
<title>Insert title here</title>
</head>
<body>

    <form action="prodDetailsServlet" method="post">
        <h1>Enter the product details...</h1>
        Product ID: <input type="text" name="productID" />
        <br/>
        Product Name: <input type="text" name="productName" />
        <br/>
        Quantity : <input type="text" name="quantity" />
        <br/>
        <input type="submit" value="submit" />
    </form>

</body>
</html>
```

products.java

```
package com.samples.model;

public class products {

    private String productID;
    private String productName;
    private String quantity;

    // constructor

    public products(String productID, String productName, String quantity) {
        super();
        this.productID = productID;
        this.productName = productName;
        this.quantity = quantity;
    }
}
```

```

    }

    // Getters and Setters

    public String getProductID() {
        return productID;
    }

    public void setProductID(String productID) {
        this.productID = productID;
    }

    public String getProductName() {
        return productName;
    }

    public void setProductName(String productName) {
        this.productName = productName;
    }

    public String getQuantity() {
        return quantity;
    }

    public void setQuantity(String quantity) {
        this.quantity = quantity;
    }
}

```

prodDetailsServlet.java

```

package com.samples.servlets;

import java.io.IOException;
import java.util.ArrayList;
import java.util.List;

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 com.samples.model.products;

/**
 * Servlet implementation class prodDetailsServlet
 */
@WebServlet("/prodDetailsServlet")
public class prodDetailsServlet extends HttpServlet {
    private static final long serialVersionUID = 1L;

    // creating a list "details" of type products
    // i.e. it consists objects of class products as elements
    List<products> details = new ArrayList<>();
}

```

```

        protected void doPost(HttpServletRequest request, HttpServletResponse
response) throws ServletException, IOException {
            String prodID = request.getParameter("productID");
            String prodName = request.getParameter("productName");
            String quantity = request.getParameter("quantity");

            // initialsing the object of class products using the constructor
            products obj = new products(prodID, prodName, quantity );
            // adding the object "obj" to the list "details"
            details.add(obj);
            // Product_details is used in for-each loop in the .jsp file
            request.setAttribute("Product_Details", details);
            // forwarding the request to the .jsp file
            RequestDispatcher rd =
request.getRequestDispatcher("/listProdDetails.jsp");
            rd.forward(request, response);
        }
    }
}

```

[listProdDetails.jsp](#)

```

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import java.util.ArrayList;
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```

```
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