

Todo-app.jsp

```
<%@ page import="java.util.*" %>
```

```
<html>
```

```
<body>
```

```
<!-- 1. Create HTML form -->
```

```
<form action="todo-demo.jsp">
```

```
    Add new item: <input type="text" name="theItem" />
```

```
    <input type="submit" value="Submit" />
```

```
</form>
```

```
<br/>
```

```
<!-- 2. Add new item to todo list -->
```

```
<%
```

```
    // get todo items from the session
```

```
    List<String> items = (List<String>) session.getAttribute("myTodoList");
```

```
    // If the todo items doesn't exist, then create a new one
```

```
    if (items == null) {
```

```
        items = new ArrayList<String>();
```

```
        session.setAttribute("myTodoList", items);
```

```
    }
```

```
    // see if the form data to add
```

```
    String theItem = request.getParameter("theItem");
```

```
    if (theltem != null) {  
        items.add(theltem);  
    }
```

```
%>
```

```
<!-- 3. Display all todo items from session -->
```

```
<hr>
```

```
<b>Todo List Items</b><br/>
```

```
<ol>
```

```
<%
```

```
    for (String temp : items) {  
        out.println("<li>" + temp + "</li>");  
    }
```

```
%>
```

```
</ol>
```

```
</body>
```

```
</html>
```