

On resource will forward to another resource. Muti stage processing of data can be done.

**JSP index.jsp**

```
<a href="/products.do">Get all products</a> <br />
```

**Servlet Code:**

```
@WebServlet("*.do")
public class FrontController extends HttpServlet {

    } else if (URI.endsWith("products.do")){
        if(METHOD.equalsIgnoreCase( anotherString: "get")) {
            ProductDao productDao = new ProductDaoJdbcImpl();
            List<Product> products = productDao.getProducts();
            req.setAttribute( name: "products", products);
            req.getRequestDispatcher( path: "list.jsp").forward(req, resp);
            return ;
        }
    }
}
```

**JSP list.jsp**

```
<%@page contentType="text/html" pageEncoding="UTF-8"%>
<html>
<body>
<table border="1">
<tr>
<td>${product.id}</td>
<td>${product.name}</td>
<td>${product.price}</td>
</tr>
</table>
</body>
</html>
```

**Database:** A cylinder icon representing a database.

**Product:** A cloud-like shape labeled "Product" with an arrow pointing to the "req" label.

**req:** A label for the request object.

**resp:** A label for the response object.

**Table:** A table with 3 columns: ID, Name, Price. It contains 4 rows of data.

ID	Name	Price
1	iPhone 16	89000.0
2	Sony Bravia	279000.0
3	Logitech Mouse	789.0
4	Tata Play	8900.0

**UI Elements:** A toolbar with icons for expand, search, and other actions.

A screenshot of a web browser window. The address bar shows 'localhost:8080/products.do'. The browser's navigation bar includes back, forward, and refresh buttons. Below the address bar, there are icons for various services: a folder icon, a fiber optic cable icon labeled 'Fiber vs Stack Do...', a green '100%' icon labeled 'CSR SSR', and a globe icon labeled 'GraphQ'. The main content area displays a large heading 'Product List Page' in a bold, black, serif font. Below the heading is a table with three columns: 'ID', 'Name', and 'Price'. The table contains five rows of data. The first row shows '1', 'iPhone 16', and '89000.0'. The second row shows '2', 'Sony Bravia', and '279000.0'. The third row shows '3', 'Logitech Mouse', and '789.0'. The fourth row shows '4', 'Tata Play', and '8900.0'. The table has a simple border. At the bottom left of the screenshot, the word 'Back' is written in blue, underlined text.

```
resp.sendRedirect( location: "index.jsp?msg=Product Added!!!");
```

```
resp.sendRedirect(location: "index.jsp?msg=Product Added!!!");
```

Client  
Browser

302

<http://localhost:8080/index.jsp?msg=Product Added!!!>

~~req~~

~~resp~~

<http://localhost:8080/index.jsp?msg=Product Added!!!>

Request URL	http://localhost:8080/products.do
Request Method	POST
Status Code	302 Found
Remote Address	[::1]:8080
Referrer Policy	strict-origin-when-cross-origin
Response Headers	
Content-Length	0
Content-Type	text/html; charset=utf-8
Date	Mon, 14 Jul 2025 08:39:17 GMT
Location	http://localhost:8080/index.jsp?msg=Product Added!!!
Server	Jetty(11.0.15)

req  
res  
index.jsp

By default JSESSIONID is sent between client and server using Cookie



