

```
////
userInfo.html
///
```

```
<!DOCTYPE html>
<html>
<head>
<meta charset="UTF-8">
<title>Insert title here</title>
</head>
<body>

<form name="frm" method="post" action="/prj3/userInfo">
    <input type="text" name="id">
    <button>조회</button>
</form>
</body>
</html>
```

```
/////파일명: User.java
```

```
package prj3;
```

```
public class User {
```

```
    String id;
    String name;
    String addr;
    public User(String id, String name, String addr) {
        super();
        this.id = id;
        this.name = name;
        this.addr = addr;
    }

    @Override
    public String toString() {
        return "User [id=" + id + ", name=" + name + ", addr=" + addr + "];"
    }
    public String getId() {
        return id;
    }
    public String getName() {
        return name;
    }
    public String getAddr() {
        return addr;
    }
}
```

```
//////////
```

```
UserInfo.java
```

```
//////////
```

```
package prj3;
```

```
import java.io.IOException;
```

```
import java.io.PrintWriter;
```

```
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;
```

```
@WebServlet("/userInfo")
```

```
public class UserInfo extends HttpServlet {
```

```
    @Override
```

```
    protected void service(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException {
```

```
        //한글 설정
```

```
        request.setCharacterEncoding("UTF-8");
```

```
        response.setCharacterEncoding("UTF-8");
```

```
        response.setContentType("text/html ;UTF-8");
```

```
        //사용자폼에서 넘어온 데이터 얻어오기
```

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

```
        //데이터베이스에서 얻어오기, 지금은 임의의 값으로
```

```
        String name="홍길동";
```

```
        String addr="서울";
```

```
        User user = new User( id, name, addr);
```

```
        PrintWriter out = response.getWriter();
```

```
        out.print( user.getId());
```


```
        out.print( user.getName());
```

```
        out.print( user.getAddr());
```

```
    }
```

```
}
```

이제
서블릿에 데이터를 응답할 일은 없다



```
////////
UserInfo2.java
////////
```

```
package prj3;
```

```
import java.io.IOException;
import java.io.PrintWriter;
```

```
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;
```

```
@WebServlet("/userInfo2")
```

```
public class UserInfo2 extends HttpServlet {
```

```
    @Override
```

```
    protected void service(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException {
```

```
        //한글설정
        request.setCharacterEncoding("UTF-8");
        response.setCharacterEncoding("UTF-8");
        response.setContentType("text/html ;UTF-8");
```

```
        //사용자폼에서 넘어온 데이터 얻어오기 , 지금은 임의로
        String id = request.getParameter("id");
```

```
        //데이터베이스에서 얻어오기
        String name="홍길동";
        String addr="서울";
```

```
        User user = new User( id, name, addr);
```

```
        // 브라우저에 응답할 jsp 페이지로 포워딩
        RequestDispatcher r= request.getRequestDispatcher("/result.jsp");
        request.setAttribute("user", user);
        r.forward(request, response);
```

```
    }
```

```
}
```

request객체에 넘길 데이터 담기

데이터를 보낼수 있다.값을 전달가능
url 링크의 변동이 없다
(페이지 이동)

///파일명 result.jsp

```
<%@ page language="java" contentType="text/html; charset=UTF-8"
    pageEncoding="UTF-8"%>
<%@ page import="prj3.User" %>
```

```
<!DOCTYPE html>
<html>
<head>
<meta charset="UTF-8">
<title>Insert title here</title>
<style>
table{
width:450px;
border:1px solid black;
margin: 100px auto;
}
td{
border:1px solid black;
width:150px;
}
th{
height:40px;
background-color:rgb(199, 199, 195);}
```

```
td:nth-child(1){
    text-align:center;
}
```

```
button{
width:200px;
height:50px;
border:0px;
background-color:rgb(199, 199, 195);
color:black;
}
</style>
</head>
<body>
```

request에 담긴 데이터
꺼내기

```
<%
    User user = (User)request.getAttribute("user");
%>
```

```
<table>
<caption> 고객정보 조회</caption>
```

```
<tr>
<th>아이디 </th>
<td><%= user.getId() %></td>
</tr>
```

```
<tr>
<th>이름 </th>
<td><%= user.getName() %></td>
</tr>
```

```
<tr>
<th>주소 </th>
<td><%= user.getAddr() %></td>
</tr>
```

```
<tr>
<td colspan="2"><button>수정하기</button></td>
</tr>
</table>
```

```
</body>
</html>
```

Redirect

// 파일명: UserInsert.html

```
<!DOCTYPE html>
<html>
<head>
<meta charset="UTF-8">
<title>Insert title here</title>
</head>
<body>
```

```
<form name="frm" method="post" action="/prj3/userInsert">
<input type="text" name="id">
<input type="text" name="name">
<input type="text" name="addr">
<button>등록</button>
</form>
</body>
</html>
```

///

파일명: UserInsert.java

```
package prj3;
```

```
import java.io.IOException;
```

```
import javax.servlet.ServletException;
import javax.servlet.annotation.WebServlet;
import javax.servlet.http.HttpServlet;
import javax.servlet.http.HttpServletRequest;
import javax.servlet.http.HttpServletResponse;
```

```
@WebServlet("/userInsert")
```

```
public class UserInsert extends HttpServlet {
```

```
    @Override
```

```
    protected void service(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException {
```

```
        //한글 설정
```

```
        request.setCharacterEncoding("UTF-8");
        response.setCharacterEncoding("UTF-8");
        response.setContentType("text/html ;UTF-8");
```

```
        //사용자폼에서 넘어온 데이터 얻어오기
        String id = request.getParameter("id");
        String name=request.getParameter("name");
        String addr=request.getParameter("addr");
```

```
        // db 저장
```

```
        // 특정페이지로 이동
        response.sendRedirect("/prj3/confirm.jsp");
```

서블릿 수행후
특정 페이지로 이동

```
    }
}
```

값을 전달 못함
url링크가 confirm.jsp로 변경함

파일명:confirm.jsp

```
<%@ page language="java" contentType="text/html; charset=UTF-8"
    pageEncoding="UTF-8"%>
<!DOCTYPE html>
<html>
<head>
<meta charset="UTF-8">
<title>Insert title here</title>
</head>
<body>

<div> 정보가 저장되었습니다.</div>

</body>
</html>
```