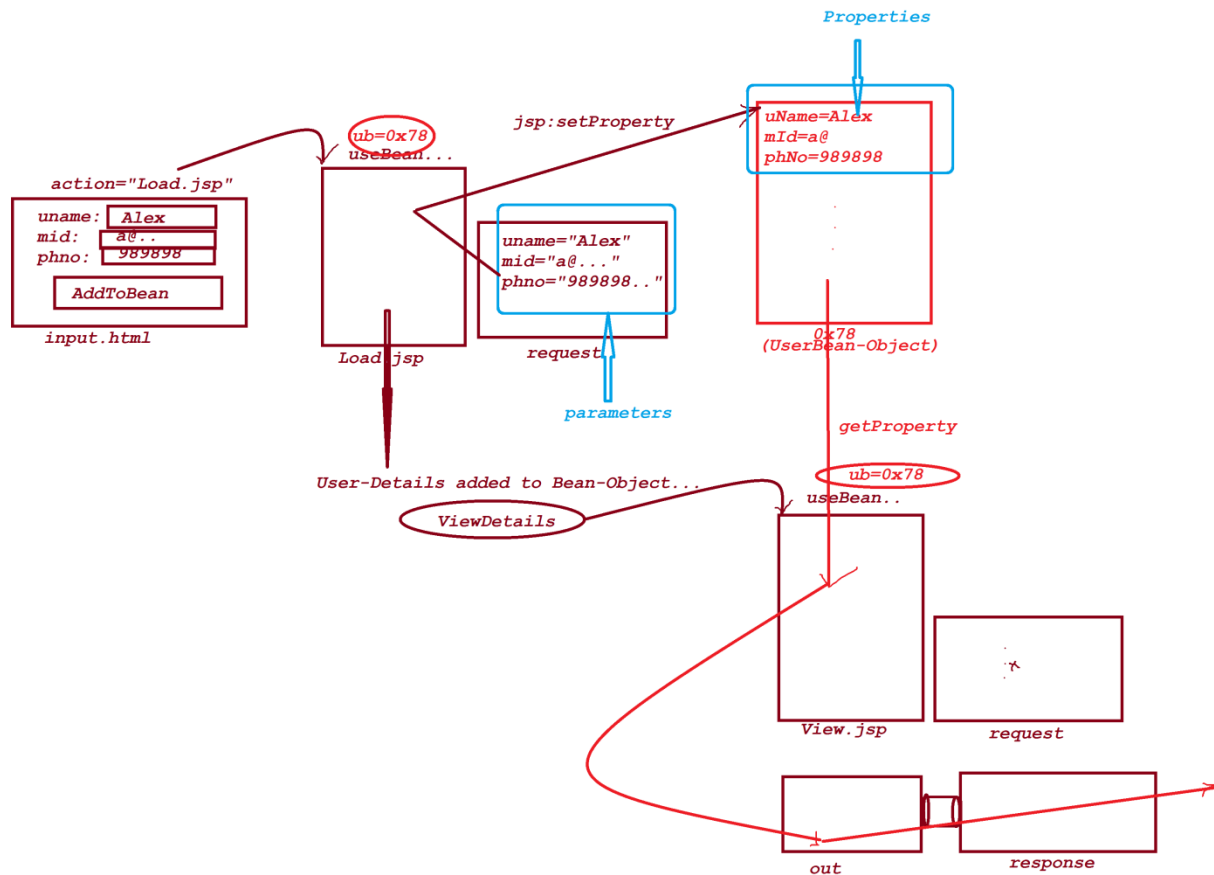


Dt : 26/12/2023

Ex-program(Demonstrating <jsp:useBean>,<jsp:setProperty> and <jsp:getProperty>)

Layout:



input.html

```
<!DOCTYPE html>
<html>
<head>
<meta charset="ISO-8859-1">
<title>Insert title here</title>
</head>
<body>
<form action="Load.jsp" method="post">
UserName:<input type="text" name="uname"><br>
```

```
MailId:<input type="text" name="mid"><br>
PhoneNo:<input type="text" name="phno"><br>
<input type="submit" value="LoadToBean">
</form>
</body>
</html>
```

UserBean.java

```
package test;
import java.io.*;
@SuppressWarnings("serial")
public class UserBean implements Serializable{
    private String uName,mId;
    private long phNo;
    public UserBean() {}
    public String getuName() {
        return uName;
    }
    public void setuName(String uName) {
        this.uName = uName;
    }
    public String getmId() {
        return mId;
    }
    public void setmId(String mId) {
        this.mId = mId;
    }
    public long getPhNo() {
        return phNo;
    }
    public void setPhNo(long phNo) {
        this.phNo = phNo;
    }
}
```

Load.jsp

```

<%@ page language="java"
        contentType="text/html; charset=ISO-8859-1"
        pageEncoding="ISO-8859-1"
        import="test.UserBean"%>
<!DOCTYPE html>
<html>
<head>
<meta charset="ISO-8859-1">
<title>Insert title here</title>
</head>
<body>
<jsp:useBean id="ub" class="test.UserBean"
scope="session"/>
<jsp:setProperty property="uName" param="uname"
name="ub"/>
<jsp:setProperty property="mId" param="mid" name="ub"/>
<jsp:setProperty property="phNo" param="phno"
name="ub"/>
<h1>Details Added to Bean Successfully...</h1><br>
<a href="View.jsp">ViewDetails</a>
</body>
</html>

```

View.jsp

```

<%@ page language="java"
        contentType="text/html; charset=ISO-8859-1"
        pageEncoding="ISO-8859-1"
        import="test.UserBean"%>
<!DOCTYPE html>
<html>
<head>
<meta charset="ISO-8859-1">
<title>Insert title here</title>
</head>
<body>
<jsp:useBean id="ub" type="test.UserBean"
scope="session"/>
UserName:<jsp:getProperty property="uName"
name="ub"/><br>
MailID:<jsp:getProperty property="mId" name="ub"/><br>

```

```
PhoneNo:<jsp:getProperty property="phNo"
name="ub"/><br>
```

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

web.xml

```
<?xml version="1.0" encoding="UTF-8"?>
<web-app>
  <welcome-file-list>
    <welcome-file>input.html</welcome-file>
  </welcome-file-list>
</web-app>
```

```
=====
===
```

(a)<jsp:include>:

=><jsp:include> tag is used to include the specified files into current running JSP-page

syntax:

```
<jsp:include page="file"/>
```

(b)<jsp:forward>:

=><jsp:forward> tag is used to forward the request from one JSP-page to another JSP-page.

syntax:

```
<jsp:forward page="file"/>
```

(c)<jsp:param>:

=><jsp:param> tag is a SubTag of <jsp:forward> and which is used to send parameter from one JSP-page to another JSP-page.

syntax:

<jsp:forward page="file">

<jsp:param value="value" name="name"/>

</jsp:forward>

(d)<jsp:useBean>:

=><jsp:useBean> tag is used to instantiate bean-object or identify the existing bean-object.

syntax-1:(Instantiating Bean-Object)

<jsp:useBean id="bean_name" class="Class_name" scope="scope"/>

syntax-2:(Identifying the Bean-Object)

<jsp:useBean id="bean_name" type="Class_name" scope="scope"/>

Type of scope:

(i)application - Used in total Web Application

(ii)page - Used only in JSP-page

(iii)request - Used within the request

(iv)session - Used within the session

(e)<jsp:setProperty>:

=>jsp:setProperty> tag is used to set the data to Bean object.

=>This <jsp:setProperty> internally uses Setter-method based on property-name

syntax:

<jsp:setProperty property="" param="" name="bean_name"/>

(f)<jsp:getProperty>:

=><jsp:getProperty> tag is used to get the data from the Bean Objects.

=>This <jsp:getProperty> internally uses Getter-method based on Property-name

display the data directly through JspWriter.

syntax:

<jsp:getProperty property="" name="bean_name"/>

=====

=====