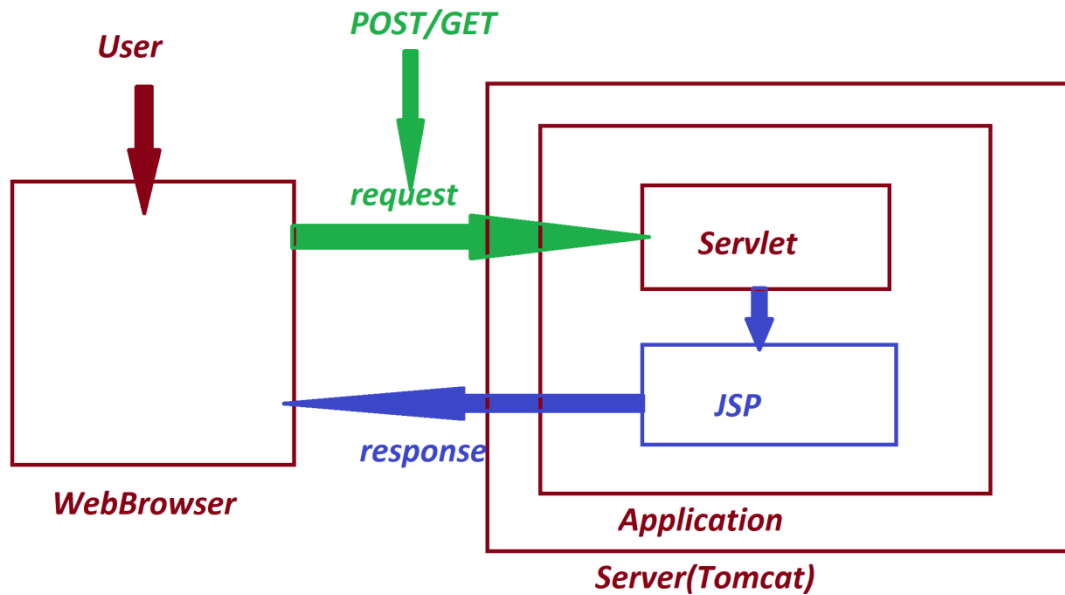


Dt : 11/2/2025



***imp**

JSP Programming:

=>JSP stands for 'Java Server Page' and which is response from Web-Application.

=>JSP is tag-based-programming language and which is more simple when compared to Servlet Programming.

=>JSP program is combination of both HTML code and JavaCode(ServletCode)

=>JSP programs are saved with (.jsp) as extention.

Ex:

Read.jsp

=>We use the following JSP tags to construct JSP programs:

1.Scripting tags

2.Directive tags

3.Action tags.

1.Scripting tags:

=>Scripting tags are used to write normal Java Code in jsp programs.

=>Types:

(a)Scriptlet tag

(b)Expression tag

(c)Declarative tag

2.Directive tags:

=>Directive tags will specify the information about current running JSP page(Program)

=>Types:

(a)@page

(b)@include

(c)@taglib

3.Action tags.:

=>Action tags will specify the actions performed while JSP Program execution.

=>Types:

(a)<jsp:forward>

(b)<jsp:include>

(c)<jsp:param>

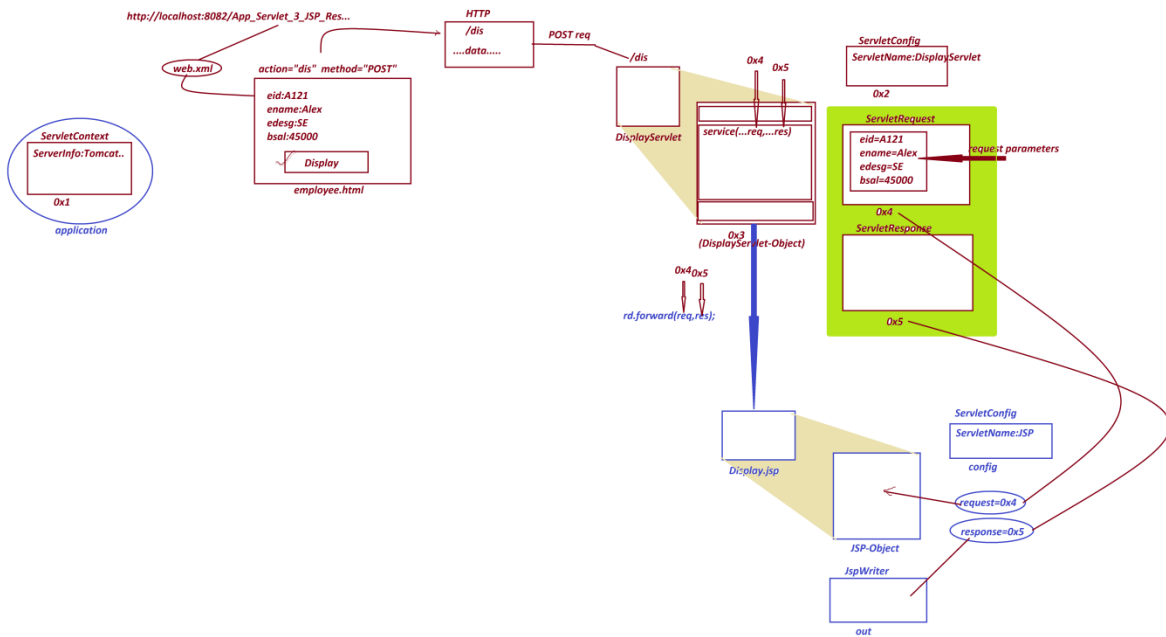
(d)<jsp:useBean>

(e)<jsp:setProperty>

(f)<jsp:getProperty>

Ex:(Construct Servlet Application to demonstrate JSP-response)

Layout:



employee.html

```
<!DOCTYPE html>
<html>
<head>
<meta charset="ISO-8859-1">
<title>Insert title here</title>
</head>
<body>
<form action="dis" method="post">
Employee-Id:<input type="text" name="eid"><br>
Employee-Name:<input type="text" name="ename"><br>
Employee-Desg:<input type="text" name="edesg"><br>
Employee-BSal:<input type="text" name="bsal"><br>
<input type="submit" value="Display">
</form>
</body>
```

</html>

web.xml

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

DisplayServlet.java

```
package test;

import java.io.*;

import jakarta.servlet.*;

import jakarta.servlet.annotation.*;

@SuppressWarnings("serial")
@WebServlet("/dis")

public class DisplayServlet extends GenericServlet
{
    @Override

    public void service(ServletRequest req,ServletResponse res)throws ServletException,
    IOException
    {
        RequestDispatcher rd = req.getRequestDispatcher("Display.jsp");
        rd.forward(req, res);
    }
}
```

Display.jsp

```
<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
```

```

    pageEncoding="ISO-8859-1"%>
<!DOCTYPE html>
<html>
<head>
<meta charset="ISO-8859-1">
<title>Insert title here</title>
</head>
<body>
<%
String eId = request.getParameter("eid");
String eName = request.getParameter("ename");
String eDesg = request.getParameter("edesg");
int bSal = Integer.parseInt(request.getParameter("bsal"));
float hra = 0.93F*bSal;
float da = 0.63F*bSal;
float totSal = bSal+hra+da;
out.println("Emp-Id: "+eId+"<br>");
out.println("Emp-Name: "+eName+"<br>");
out.println("Emp-Desg: "+eDesg+"<br>");
out.println("Emp-BSal: "+bSal+"<br>");
out.println("Emp-HRA: "+hra+"<br>");
out.println("Emp-DA: "+da+"<br>");
out.println("Emp-TotSal: "+totSal+"<br>");
%>
<%@include file="employee.html" %>
</body>
</html>

```

Assignment:

Construct Servlet Application to read and display User-registration details.

(JSP-response)

uname

pword

fname

lname

city

state

pincode

mid

phno

Venkatesh Maipathii