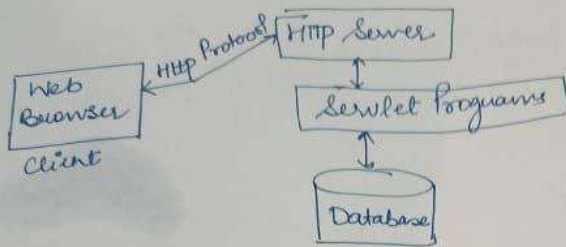
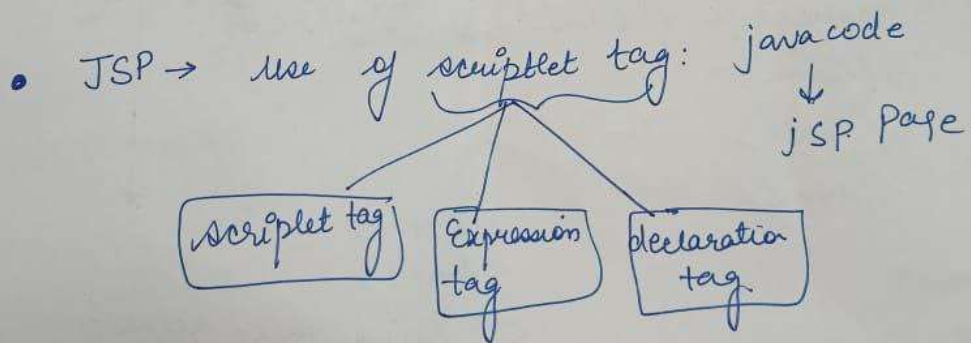


SERVLETS



- Java Servlets are the programs that run on a web application server. It acts as a middle layer b/w a request from web browser/client and database application on HTTP Server.



• Scriptlet tag:

→ used to execute java source code in JSP

→ `<%`

`%>` :- only variable
+ no method

eg1

```
<html>
<body>
<% out.print("Welcome to JSP"); %>
    ↳ put stream to Response.

</body>
</html>
```

Rectification

eg2

index.html

file 1: index.html

```
<html>
<body>
<form action = "Welcome.jsp">
<input type = "text" name = "uname">
<input type = "submit" value = "go"><br/>
</form>
</body>
</html>
```

```
<html>
<body>
<% String name = request.
    getParameter
    ("uname");

    out.print("Welcome " + name);

%>
</body>
```

JSP Declaration Tag

- used to declare fields and methods.
- code inside it is placed outside the service method of auto generated servlet.
- So, it doesn't get memory at each request.

→ `<%↓ field/method declaration. %>`

eg: `index.jsp`

`<html>`

`<body>`

`<%! int cube (int n)`

`{`

`return n+n*n;`

`}`

`%>`

`<% = "cube of 3 is " + cube(3)%>`

`</body>`

`</html>`

} Declaration

called here.

expression tag

scriptlet can be u

JSP Expression Tag

- the code placed within JSP expression tag is written to the output stream of response.
- so you need not write out.print() to write data.
- Usually used to print the value of variable/method.

`<% = statement %>`

→ `index.html`

Same as
scriptlet

`Welcome.jsp`

```
<html>
<body>
  <% = "Welcome" +
    request.getParameter("uname")
  %>
</body>
</html>
```