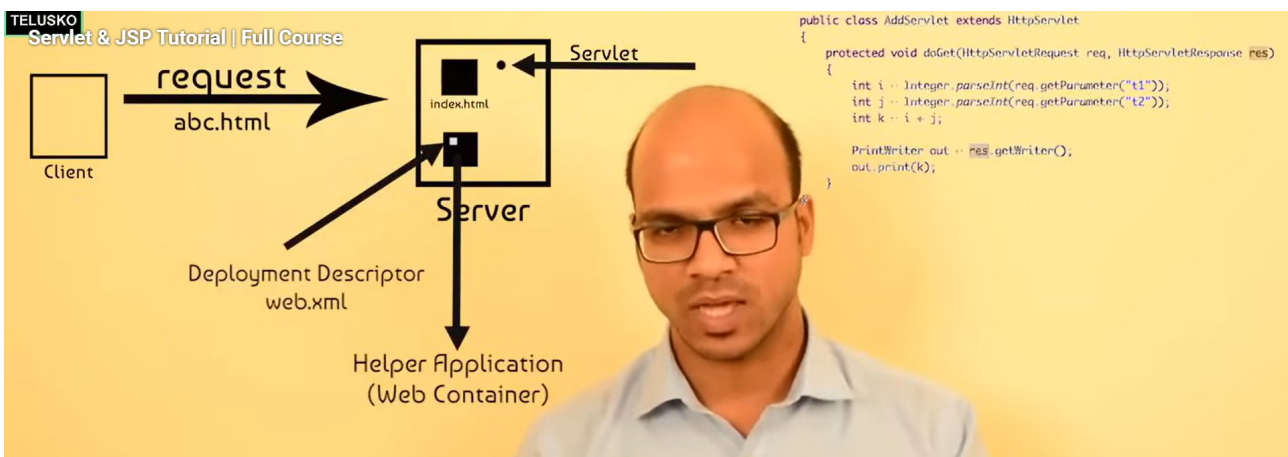


Tomcat-> app server which also has a feature of web server(like JBoss,ClassFish) is web container which will provide the dynamic request(it will go web container) of the client according to the requirement that is .html or etc.



Deployment descriptor(web.xml) will decide according to the request which servlet need to serve and response. The response will be in the form of response object(html page) via machine. Annotations

```
web.xml  Index.html ×
<!DOCTYPE html>
<html>
<head>
  <meta charset="UTF-8">
  <title>Insert title here</title>
</head>
<body>
  Hello World
  <form action="add">
    Enter 1st Number : <input type="text" name="num1"><br>
    Enter 2st Number : <input type="text" name="num2"><br>
    <input type="submit">
  </form>
</body>
</html>
```

Here for add we will create servlet for add function that will be a java class. A class will become servlet after extending HttpServlet.

We have to use method of HttpServlet to work with servlets.

It works two objects one is request and another one response.

HttpServletRequest req, HttpServletResponse res--> it all about request and response

you add created the servlet and you have html but how you will connect them both?

Answer--> you will connect in web.xml where you will tell for this add function use this servlet.

Web.xml is also called deployment descriptor