**SERVLET:**

It is an Api to make Dynamic Web Pages.

It is a server side application.

**Web-browser:**

it is an web application using which we make a request in the form html or etc.

Now a days 99% web applications are dynamic

DB-URL

<Protocol>:<subprotocol>:<subname>

HTTP – 8080

HTTPS-443

Protocol://domain:port/path?query\_st

Ring#fragment\_id

Protocol->rules(http)

Domain->computername/ip\_address

In which your web server

Fragment-id:

Create Dynamic Web Project:

Project-name:servlet

Next-next-check the box

**How to set Tomcat Server:**

Search server: add the path

Then next and add project .

Right click on server and click on 2nd position

Then run the server

**Servelet(I) implements:**

**Abstract Class:**

Generic Servlet (AC) extends

HTTP Servlet (AC) extends

**LIFECYCLE:**

Init();

Service();

Destroy();

**Note: UserDefined Servlet we can create by extending httpservlet**

**How to set web.xml file**

<servlet>

<servlet-name>first</servlet-name>

<servlet-class>servlet.demo1.MyFirstServlet</servlet-class>

</servlet>

<servlet-mapping>

<servlet-name>first</servlet-name>

<url-pattern>servlet.demo1.MyFirstServlet</url-pattern>

</servlet-mapping>

|  |  |
| --- | --- |
| get | post |
| Not secure | It is secure |
| By default | Manadtory to mention method="post" |
| Having a request body is not manadatory | Having a request body is manadatory |
|  |  |
|  |  |