http://localhost:8080/ProjectName/URLMapping

by default every html form method consider as get.

When we fill the form get method always call doGet method of servlet program.

Get method always send information through URL in the form of

Query param

URL?key=value   if we pass one information

URL?key=value&key=value if we pass more than one information

So Get or doGet method not secure.

If we want secure we need to us method ="post" in form.

Post method call doPost method of servlet.

In post method data send through http request body part.

RequestDispatcher : it is an interface which provided set of methods which help to dispatch or re-direct from one page to another page base upon path.

Syntax to create the reference of RequestDispatcher

RequestDispatcher rd1 = request.getRequestDispatcher("path");

If target page is

Servlet then path must be target page url pattern or mapping →

If target page is

html/jsp then path must be target page name .html/.jsp →

ie index.html or index.jsp

after object created we can use include or forward method

RequestDispatcher rd1 = request.getRequestDispatcher("Home");

RequestDispatcher rd2 = request.getRequestDispatcher("login.html");

rd1.forward(request,response);

we can see the output of only target page.

rd2.include(request,response);

we can see source + target page as one output ie merge the code.

Creating Dynamic web application

Adding SignInServlet and SignUpServlet and HomeServlet

Login.html, SignUp.html

SignIn and SignUp using JDBC with Maven project.