HTML Form

Sending data from html form
Include form in login.jsp page

```html
<html>
    <head>
        <title>First web application</title>
    </head>

    <body>
        <form>
            Name : <input type = "text" name = "name"/>
            Password : <input type = "password" name =
"password"/><br>
            <input type = "submit"/>
        </form>
    </body>
</html>
```

Controller
```java
@Controller
public class LoginController {

    @RequestMapping("/login")
    public String loginMessage(ModelMap modelMap) {
        return "login";
    }
}
```

Access http://localhost:8080/login on browser. When we submit name
and password it gets visible in URL Its because it is a get method
and the data passed through the get method is not secure. So ideal
way of sending data in a secured way is post.

```html
<html>
    <head>
        <title>First web application</title>
    </head>

    <body>
        <form method = "post">
            Name : <input type = "text" name = "name"/>
            Password : <input type = "password" name =
"password"/><br>
            <input type = "submit"/>
        </form>
    </body>
</html>
```

Access http://localhost:8080/login on browser. When we submit name
and password it won't get visible in URL (Will be present in form

data).
When we use post request the data is not sent as the part of URL it
actually being sent in a body of the request as form parameters.

```java
@Controller
public class LoginController {

    @RequestMapping("/login")
    public String loginMessage(ModelMap modelMap) {
        return "login";
    }
}
```

Now when we sent get and post request we were getting the same
response back. If you don't specify type of method in request
mapping this would be used for all the method (GET, POST, PATCH,
PUT, DELETE etc).
To avoid this we can explicitly specify type of method in request
mapping.

```java
@Controller
public class LoginController {

    @RequestMapping(value = "/login", method = RequestMethod.GET)
    public String loginMessage(ModelMap modelMap) {
        return "login";
    }
}
```

Now we get a login page but when you submit the data it gives
whitelabel error page. Because we don't have a method for POST
request. So creating a post request as well.

```java
@Controller
public class LoginController {

    @RequestMapping(value = "/login", method = RequestMethod.GET)
    public String loginMessage(ModelMap modelMap) {
        return "login";
    }

    @RequestMapping(value = "/login", method = RequestMethod.POST)
    public String showWelcomePage(ModelMap modelMap, @RequestParam
String name) {
        modelMap.put("name", name);
        return "welcome";
    }
}
```

Welcome.jsp

```html
<html>
    <head>
        <title>First web application</title>
    </head>
```

```
    <body>
          Welcome !!! ${name}
    </body>
</html>
```

Access http://localhost:8080/login on browser. login.jsp page will
load up and after submitting data it calls /login post request. If
the url is mismatched then it throws white label error page.