

Userid and password

Sending data from html form

```
@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, @RequestParam String password) {
        modelMap.put("name", name);
        modelMap.put("password", password);
        return "welcome";
    }
}
```

welcome.jsp

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

    <body>
        Welcome !!! ${name}, your password is ${password}
    </body>
</html>
```

Access <http://localhost:8080/login> on browser. login.jsp page will load up and after submitting data it calls /login post request and shows name and password in welcome.jsp page

Adding validation on the password

Creating a new service to add validation

```
@Service
public class LoginService {

    public boolean validateUser(String userId, String password) {
        return userId.equals("Nagaraj S Kharvi") &&
password.equals("1234");
    }
}
```

Calling validation service from controller

```
@Controller
public class LoginController {
```

```

@Autowired
private LoginService loginService;

@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, @RequestParam String password) {
    boolean isValidUser = loginService.validateUser(name,
password);
    if (!isValidUser) {
        return "login";
    }
    modelMap.put("name", name);
    modelMap.put("password", password);
    return "welcome";
}
}

```

So now when you provide a valid hardcoded username and password it redirects you to welcome page. Otherwise it redirects to login page. It's better to show a error message when the user types invalid userid and password

Controller

```

@Controller
public class LoginController {

    @Autowired
    private LoginService loginService;

    @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, @RequestParam String password) {
        boolean isValidUser = loginService.validateUser(name,
password);
        if (!isValidUser) {
            modelMap.put("errorMessage", "Invalid
credentials");
            return "login";
        }
        modelMap.put("name", name);
        modelMap.put("password", password);
        return "welcome";
    }
}

```

login.jsp

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

  <body>
    <font color = "red">${errorMessage}</font>
    <form method = "post">
      Name : <input type = "text" name = "name"/>
      Password : <input type = "password" name =
"password"/><br>
      <input type = "submit"/>
    </form>
  </body>
</html>
```

welcome.jsp

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

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