18CS644 - Advanced Java & Java EE

**Post Assessment - Servlets/JSP**

Assignment 4

horizontal line

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# Reading

Go through the notes on Servlets and JSP.

<https://drive.google.com/file/d/16086h4YIxd-CgkNQuXyGmEreq4NZhwsD/view?usp=drive_web&authuser=0>

## Setting up the project

## Create a new application, set up the WEB-INF folder, src and WEB-INF/classes if you’re using servlets and web.xml.

## Banking Application

### Login.html - Obtain username and password, call loginServlet / login.jsp

1. **loginServlet/login.jsp**
   * **Check for cookie associated with user name. If present, display the last accessed date**
   * Create a Properties object of any 3 valid username and password.

eg.

|  |  |
| --- | --- |
| Username | Password |
| Laura | 123 |
| Jenna | 456 |
| Max | 789 |

* + Validate username and password, start a session, redirect to viewAccounts.jsp

1. **viewAccounts.jsp.**
   * Start session and obtain uname from session attribute.
   * If uname is not set, redirect to login.html
   * Create a Properties object of uname and account numbers <String> and account numbers balance<Double> for all the usernames created.
   * **Eg. Properties of uname and account numbers**

|  |  |
| --- | --- |
| **Username** | **Account Number** |
| Laura | 100500100 |
| Laura | 200500100 |
| Jenna | 300500200 |
| Max | 400500200 |
| Max | 500500300 |

### Hash Table of account number and balance

|  |  |
| --- | --- |
| **Account Number** | **Balance** |
| 100500100 | 7000.25 |
| 200500100 | 80500.4 |
| 300500200 | 5000582.56 |
| 400500200 | 94200,2 |
| 500500300 | 8000456.65 |

### Use a table to list out all the accounts associated with the username. And the balances

Eg.

Welcome Laura

Last Accessed date :

Accounts

|  |  |
| --- | --- |
| 100500100 | 7000.25 |
| 200500100 | 80500.4 |

* Create a form/hyperlink with logout option that redirects to logout.jsp / logoutServlet.
* **logout.jsp**
* Create a cookie with username and last accessed date.
* Destroy the session, redirect to the login page.