

## SSDP :: PHP LAB 05

**OBJECTIVE** Demonstrate session handling with PHP.

---

**REQUIREMENTS** A sample of this lab is available: [http://bcitcomp.ca/ssd/lab05\\_sample/login.php](http://bcitcomp.ca/ssd/lab05_sample/login.php)  
Create a web application that requires a user to correctly identify themselves before accessing private content. You may decide how to organize the pages, scripts and code: there are many ways to structure this.

- Include a login form with inputs for Name and Student number.
- Include a drop down box on the form that lets users choose from different CSS stylesheets. You will need at least three stylesheets. Use a style sheet you have written in the past and make two alternative versions of it (eg: use a different font family or color scheme for each stylesheet... as long as they are clearly different).
- Valid form submissions require at least two characters in the name field, a value from the stylesheet dropdown box, and ensure the student number matches the BCIT pattern (starts with an 'a' or 'A', followed by one zero, followed by seven numbers from 0 to 9).
- Valid form submissions should result in a session that tracks the user's name, and forward the user to a page that displays the private content
- When a user has logged in and is viewing any of the content pages, apply the stylesheet they chose when logging in. Use a session to ensure the preferred stylesheet is used throughout all content pages.
- Invalid form submissions should return the user to the form with an appropriate error message
- Include 2 private content pages that are only viewable by users who have successfully filled out the form. Each of these pages should display a greeting using the user's name, eg: 'Hello, John Coltrane!' as well as hyperlinks to each other
- Include a super-private content page that is only viewable if a user logged in with the student number 'A00123456'. This page should clearly declare that it is the super-private content page. If this user is logged in, be sure to display links to this super-private page on the other two content pages
- On all content pages, include a logout option that ends the user session.

---

**CODE STYLE** Protect against session hijacking using a salted, client-specific session identifier.

---

**SUBMIT** Compress all related files and folders into a **.zip** file and upload to D2L drop box before the end of day (11:59pm).