

## Lab 10

In the last lab, you were introduced to how to connect to matlab mySQL server with PHP. In this lab, we will take a look at PHP Login sessions. This will also help you with assignment 3.

Before we get started, let's first learn how to place your webpage on your own webspace to view it live in a browser. Your personal webspace is on your directory: cscb20\_space

This means that once you've typed up your webpage, you will save it or copy it in to cscb20\_space directory, then you can then look at your webpage by opening the page in a browser here:

<https://mathlab.utoronto.ca/cscb20/utorid/filename>

Let's go through an example. Start by downloading the 4 starter codes from blackboard. SignIn.php, SignedIn.php and SignOut.php. Create a new folder called lab10 and place all starter codes inside there.

Open up the terminal on the lab machine and ssh into matlab.

**ssh utorid@mathlab.utoronto.ca**

your password will be the password of your utorid

use the cd command to go into your cscb20\_space directory, then to allow your website to be readable and executable by typing the following command in the terminal

**chmod a+rx lab10**

chmod is the command used to give/permissions to files, a+rx is a specific type of permission, it means to allow read and executable permissions to all classes.

Once done, you can visit:

<https://mathlab.utoronto.ca/cscb20/utorid/lab10/SignIn.php>

To access the site.

You can follow the similar step to host any other websites that you make, including your a2.

Now, your task for this lab is to understand how PHP Sessions work by tracing the starter code. Once you have made sense of it, try to incorporate what you did in lab9 into this lab. In other words, make the welcome page do what index.php did in lab9.