

BTI320 -Lab 6 [20 marks]

due: section A, B- Monday Nov 14, 2016 23:59

section C - Tuesday Nov 15, 2016 23:59

➤ Objectives:

- Understand and practice with COOKIES and SESSIONS

➤ Submission Instructions:

- Include the timestamp on each page:

This page was last modified on 11/5/2016, 10:58:11 PM

- Leave your work on zenit and do not update after the due date. Otherwise it will be considered late. No emails for submission.
- Please name the files as specified and place them in the directory on your zenit account: `public_html/bti320/labs`

➤ Specifications:

You are going to mimic the process of login and logout applying sessions and cookies.

You are going to create the following three pages. Although we emphasize more about the function, the effective usage of sessions and cookies, you are encouraged to define a nicer look for the pages.

1) page: `lab6_login.php`

[10 marks]

Create a page (form) as screenshot 1, or with nicer look. The operation flow would be as follows:

For this lab, we focus on cookies and sessions. We hard code the username and password.

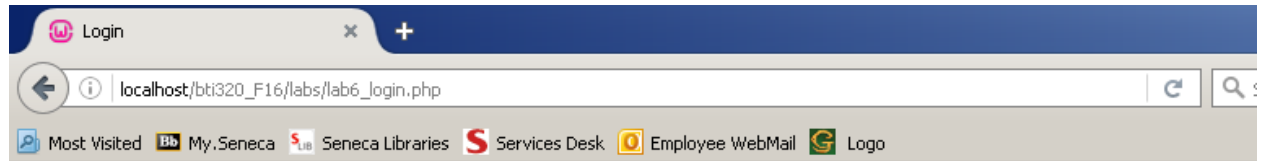
Important: provide the valid username and password on the page, shown as the screenshot. So I can test. Thank you!

- If user's input matches your hard-coded one, click "login" will direct the user to the page "`lab6_login_success.php`" (details see below)
- Try the following statement to **redirect** the user to other pages in php:
`header('Location: lab6_login_success.php');`
Important: make sure you have your output_buffering on.

```
ob_start(); // Turn on output buffering
ob_end_flush(); // Flush (send) the output buffer and turn off output
buffering
```

- “match” is defined as:
 - username: case insensitive, leading and trailing characters are ignored.
 - password: case sensitive. leading and trailing characters are considered.
- If user’s input does not match your hard-coded one, click “login” will show the error message, see screenshots (2) and (3).
- if user check “Remember username and password?”, (screenshot 4), AND the input is valid (match), create two cookies for username and password to last for a week. So next visit will show the user name and password (screenshot 5). if the user input is invalid, though this “remember username and password” is checked, do not create cookies. Instead, report error as screenshots (2) and (3).
- If user check “Clear Cookies for username and password”, (screenshot 6), next visit to the page, the fields username and password are all cleared. (screenshot 1).

Screenshot (1)



Welcome to Sunny's Bookstore

Note: for testing, provide me with your valid user name and password for login:

valid user name: sunny [you can put anything]

valid password: secret [you can put anything]

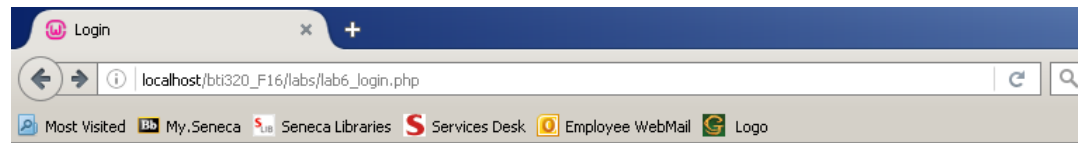
User Name:

Password:

Remember username and password? ☐

Clear cookies for username and password? ☐

Screenshot (2):



Welcome to Sunny's Bookstore

Note: for testing, provide me with your valid user name and password for login:

valid user name: sunny [you can put anything]

valid password: secret [you can put anything]

User Name:

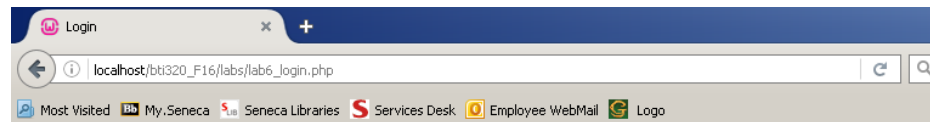
Password:

Login

Remember username and password? ☐

Clear cookies for username and password? ☐

Screenshot (3):



Welcome to Sunny's Bookstore

Note: for testing, provide me with your valid user name and password for login:

valid user name: sunny [you can put anything]

valid password: secret [you can put anything]

User Name:

Password:

Login

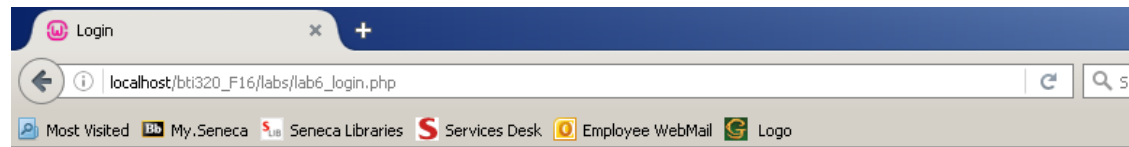
Remember username and password? ☐

Clear cookies for username and password? ☐

unknown jshd

User Name: unknown and password: jshd don't match.

Screenshot (4):



Welcome to Sunny's Bookstore

Note: for testing, provide me with your valid user name and password for login:

valid user name: sunny [you can put anything]

valid password: secret [you can put anything]

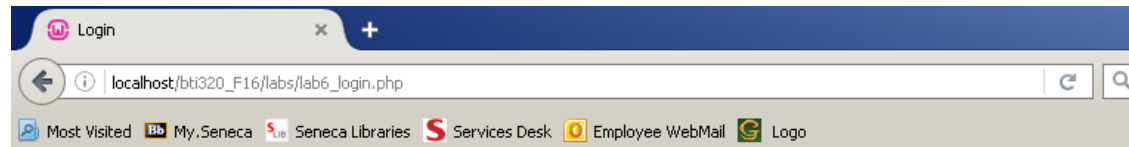
User Name:

Password:

Remember username and password? ☒
Clear cookies for username and password? ☐

unknown jshd

Screenshot (5):



Welcome to Sunny's Bookstore

Note: for testing, provide me with your valid user name and password for login:

valid user name: sunny [you can put anything]

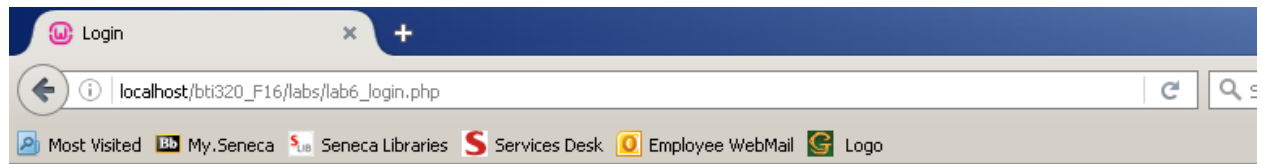
valid password: secret [you can put anything]

User Name:

Password:

Remember username and password? ☐
Clear cookies for username and password? ☐

Screenshot (6):



Welcome to Sunny's Bookstore

Note: for testing, provide me with your valid user name and password for login:

valid user name: sunny [you can put anything]

valid password: secret [you can put anything]

User Name:

Password:

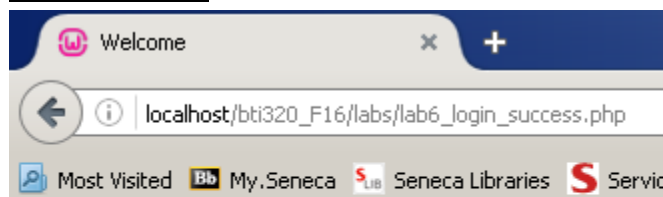
Remember username and password? ☐

Clear cookies for username and password? ☒

2) page: **lab6_login_success.php** (screenshot 7) **[5 marks]**

If user input is valid, click “login” (screenshot 1) will direct the user to this page. The key thing in this page is to display the username, which is obtained from “session”. The session is started from the page **lab6_login.php**, and retrieved in this page **lab6_login_success.php**. The link “Home” will direct the user to the page **lab6_login.php**. The link “Logoff” will direct the user to the page **lab6_logoff.php**.

Screenshot (7):



welcome sunny!

[Home](#) [Logoff](#)

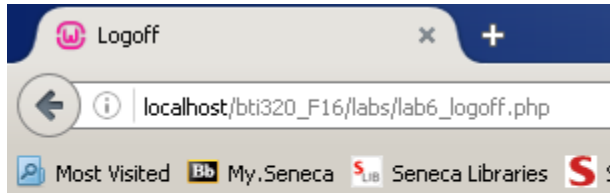
3) page: **lab6_logoff.php** (screenshot 8)

[5 marks]

This page will display the username first and delete the session .

The link “Home” will direct the user to the page **lab6_login.php** .

Screenshot (8):



Goodbye sunny...

Home

➤ **Student Oath:**

Include the following on each page.

I declare that the attached assignment is wholly my own work in accordance with Seneca Academic Policy. No part of this assignment has been copied manually or electronically from any other source (including web sites) or distributed to other students.

Name Sunny Shi Student ID 10001

(just example, put your name & ID this way)

➤ **Academic Policy:**

Seneca's Academic Policy will be strictly enforced. <http://www.senecacollege.ca/academic-policy/index.html>

This is an **individual lab**. Please do not try to convince me that any two of you may have the same code.