

# CSC 2410 Web Programming

## Chapter 5 Lab

### Objectives

- Understand file types and permissions
- Work with directories
- Upload and download files
- Write data to files
- Read data from files
- Open and close a file stream
- Manage files and directories

### Part 1: Bowler Registration

1. Create a new document in your text editor.
2. Add the essential html tags like `<!DOCTYPE html></html>`, `<head></head>`, and `<body></body>` in order.
3. Add the appropriate HTML comments using the html comment symbols.
4. Create a document with a form that registers bowlers for a bowling tournament. Use a single text file that saves information for each bowler on a separate line. Include the bowler's name, age, and average, separated by commas. Ensure that the labs directory has read and write permissions for everyone.
5. Validate the inputs that all three fields are required and the age must be positive integer number, the average must be greater than 0 and less than 300.
6. File writing capability must be checked before storing into the text file.

### Sample Output:

**Enter your information below to sign up for the tournament**

Name:

Age:

Average:

***After Clicking “Submit” button without filling anything.***

You must enter your name.

You must enter your age.

You must enter your average (enter 0 if you don't have one).

Click your browser's Back button to return to the Bowler Registration form and fix these errors.

***After clicking Back button.***

## **Enter your information below to sign up for the tournament**

Name:

Age:

Average:

***After clicking Submit button.***

Thank you for registering!

7. Add the appropriate PHP line comments and/or multiple line comments.
8. Save the document as BowlerRegistrationYourlastname.html by replacing Yourlastname with your real last name and RegisterBowlerYourlastname.php by replacing Yourlastname with your real last name.
9. Save the output document as blowers.txt.
10. Verify the program with your local web server.

### ***Part 2: Reunion Picture Uploader***

1. Create a new document in your text editor.
2. Add the essential html tags like <!DOCTYPE html></html>, <head></head>, and <body></body> in order.
3. Add the appropriate HTML comments using the html comment symbols.
4. Create a Web form for uploading pictures for a high school reunion. The form should have text input fields for the person's name and a description of the image, and a file input field for the image. To

accompany each image file, create a text file that contains the name and description of the image and the image file name, delimited by the symbol (|). The uploaded images should be saved in the subdirectory called "Image".

5. Create a separate script page that displays the pictures with a caption showing the name and description fields. Ensure that the labs directory has read and write permissions for everyone.

**Sample Output:**

## Reunion Picture Uploader

Your Name:

Image Caption or Description:

Image to upload:

No file selected.

(1MB limit)

*After leaving blanks in the text boxes and clicking Upload the Image button.*

## Reunion Picture Uploader

You must enter your name and a caption for the image. Click your browser's Back button to return to the upload page.

There was an error uploading "".

Your Name:

Image Caption or Description:

reunion\_picture.jpg

(1MB limit)

*After filling the info and select “reunion picutre.jpg” and clicking Upload the Image button.*

## Reunion Picture Uploader

Thank you for uploading your picture!

File "reunion picutre.jpg" successfully uploaded.

Your Name:

Image Caption or Description:

Image to upload:

No file selected.

(1MB limit)

6. Add the appropriate PHP line comments and/or multiple line comments.
7. Save the document as ReunionPictureUploaderYourlastname.php by replacing Yourlastname with your real last name and ReunionPictures.php by replacing Yourlastname with your real last name.
8. Save the output document as imagelist.txt under the subdirectory “Image”.
9. Verify the program with your local web server.

### Submission

Upload your PHP Script files as the attachments to the drop box. Do not zip the files.