

CSIT 254 – Introduction to Web Application Tools

Fall 2016 – Lab Assignment

Lab Assignment 3 – File Processing Using PHP

(Due 11:59pm on Tuesday, November 14, 2017)

Before beginning this assignment you should:

- a. Store the URLs of your favorite web sites in a text file named **webFavorites.txt**.
- b. Copy/upload a collection of your favorite videos and mp3 files to this assignment folder.
- c. Copy/upload a collection of your favorite images (.jpg, png, ...) to this assignment folder.

Create a function for the following three additions to your website.

1. My Favorite Web Sites

Display the heading label above. Next, display a message: “These are my ??? favorite web sites”. The ??? should be determined interactively by the program based on the current content of the text file, webFavorites.txt. In this function, read these web sites from the file and use them to create a list of active links to these actual web sites. The text displayed that the user will select to visit the web site should be Favorite Website 1, Favorite Website 2, ...

2. My Favorite Videos/MP3

Display the heading label above. In this section of your web page create a list of links of all the files with the appropriate extensions (i.e. mp3, etc.). When the links are selected on your web page, the file (video or mp3) should be played/activated.

3. Pic of the Day

Display the heading label above. In this section of your web page, get a list of all the current images in your folder. List the names of all the images, then have the program randomly pick one of your images and display the image 8 times (2 rows with 4 per row). Change the height and width attributes to decrease (or increase) the images as needed.

4. Final Touches

Create and use a CSS style sheet to format the appearance of the web page and reflect your personal style. At a minimum, make changes to the appearance of the following:

- bullet/numbered lists
- visited / unvisited links
- body
- headings (h1-h6)
- p

Adding other HTML tags and CSS format changes are optional.