CS-213 : Lab 6 : PHP

Ramchandra Phawade

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In this lab you will learn to use PHP
Deadline : 1700 hours September 4, 2018.

Submission guidelines:

Please create a directory called "rollno-lab6" where "rollno" is your roll number.
Keep all your scripts, html pages and all relevant files in this directory
Use following command to create a tar ball :

tar -czvvf rollno-lab6.tgz rollno-lab6/

Upload this tarball "rollno-lab6.tgz" on moodle.
Do not change cases, and do not deviate from the naming scheme for your scripts, directory or tar file to be uploaded.

1. WORD FREQUENCY COUNTER

   - Take a text file as input, using file input in HTML on index.php
   - Validate that the taken input file is with extension .txt using simple javascript; if it does not have .txt extension, pop an alert message
   - In php, check if (file size less than 100KB), display error otherwise.
   - The text file has to be processed to produce the frequency count of (number of occurrences) of each word sorted in alphabetical order as a HTML table
   - Frequency count must be case-insensitive (e.g. both 'Hey' and 'hey' would be counted under the same word 'hey')

2. PHOTO ALBUM
   Create a photo album with following features

   - Login Form: index.php has the form, login.php has authentication
     Authenticate using standard credentials:

     user:eval
     pass:eva

- album php: Browsing through the album using next, prev, last, first buttons
- Image upload page that allows you to add an image to the album: *newupload.php* has the form and upload.php does the processing:
  - Check for image format as jpg both in javascript and php
  - Check for image size to be less than 200KB in php
  - Maximum of 10 images to upload- check in php
  - Images to be uploaded to images/ directory
  - Errors can be displayed on upload.php itself with a back button to enable navigation to the previous page
  - Deleting images (Hint: use a csv file to save existing image ids).
- Optional (not for credit): Use sessions to validate login sessions while accessing album.php, newuplod.php and upload.php. Session has to be initialized at login.