Internet and Web Programming
CSE3002
Fall Semester 2020-21

Lab Assignment 8

ISHAAN OHRI
18BCE0265

Question:

A Jobseeker submits his Resume and Photograph to a online job portal. The portal accepts the submission of files only after the key validations. Write the appropriate HTMLcontaining (Input types and button) and PHP script to process the files based on the following

- Specifies the directory where the files are going to be placed
- Check if File Name Already Exists
- The Resume should accept only Pdf / Doc and size of the file must be within 500kb
- Allowed file types for the photograph(jpeg, jpg) and file size within 1 mb
- Checks whether a file was uploaded via HTTP POST

Code:

`index.html`

```html
<!DOCTYPE html>
<html>
  <body>
    <h1 style ='font:40px Arial; color:#ff0000'>ISHAAN OHRI 18BCE0265 Assignment 8-
A</h1>
    <form action="upload.php" method="post" enctype="multipart/form-data">
      Select file to upload (.docx/.pdf):
      <br>
      <input type="file" name="fileToUpload" id="fileToUpload" />
      <br>
      <br>
      Select image to upload (.jpeg/.jpg):
      <br>
      <input type="file" name="imageToUpload" id="imageToUpload" />
      <br>
      <br>
      <input type="submit" value="Upload" name="submit" />
    </form>
  </body>
</html>
```

upload.html

```php
<?php
$target_dir_file = "uploads/";
$target_dir_image = "images/";
$target_file = $target_dir_file.basename($_FILES["fileToUpload"]["name"]);
$target_image = $target_dir_image.basename($_FILES["imageToUpload"]["name"]);
$uploadOk_file = 1;
$uploadOk_image = 1;

if (file_exists($target_file))
{
    echo "Oops! The resume file already exists.<br>";
    $uploadOk_file = 0;
}

if (file_exists($target_image))
{
    echo "Oops! The image file already exists.<br>";
    $uploadOk_image = 0;
}

if (($_FILES["fileToUpload"]["size"] > 500000)) {
    echo "Oops! The resume file is too large.<br>";
    $uploadOk_file = 0;
}

if(($_FILES["imageToUpload"]["size"] > 500000 * 2 + 24000))
{
    echo "Oops! The image file is too large.<br>";
    $uploadOk_image = 0;
}

$FileType = strtolower(pathinfo($target_file,PATHINFO_EXTENSION));
$imageFileType = strtolower(pathinfo($target_image,PATHINFO_EXTENSION));

if(isset($_POST["submit"])) {
  if($FileType != "docx" && $FileType != "pdf")
  {
    echo "Oops! The resume file should only be .PDF or .DOCX.<br>";
    $uploadOk_file = 0;
  }
  if($imageFileType != "jpg" && $imageFileType != "jpeg") {
    echo "Oops! The image file should only be .JPG or .JPEG.<br>";
    $uploadOk_image = 0;
    }
}

if(is_uploaded_file($target_file)) {
    echo ("$target_file is uploaded via HTTP POST<br>");
  } else {
```

```php
      echo ("$target_file is not uploaded via HTTP POST<br>");
  }

if(is_uploaded_file($target_image)) {
    echo ("$target_image is uploaded via HTTP POST<br>");
  } else {
    echo ("$target_image is not uploaded via HTTP POST<br>");
  }

  if ($uploadOk_file == 0) {
    echo "Oops! The resume file was not uploaded.<br>";
  } else {
    if (move_uploaded_file($_FILES["fileToUpload"]["tmp_name"], $target_file)) {
      echo "The file ". basename( $_FILES["fileToUpload"]["name"]). " has been
uploaded.<br>";
    } else {
      echo "Oops! The image file was not uploaded.<br>";
    }
  }

  if ($uploadOk_image == 0) {
    echo "Oops! The image file was not uploaded.<br>";
  } else {
    if (move_uploaded_file($_FILES["imageToUpload"]["tmp_name"], $target_image)) {
      echo "The image ". basename( $_FILES["imageToUpload"]["name"]). " has been
uploaded.<br>";
    } else {
      echo "Oops! The resume file was not uploaded.<br>";
    }
  }
?>
```

Output:

ISHAAN OHRI 18BCE0265 Assignment 8-A

Select file to upload (.docx/.pdf):
Choose File   0th review .pdf

Select image to upload (.jpeg/.jpg):
Choose File   TEAM3.JPG

Upload

ISHAAN OHRI 18BCE0265 Assignment 8-A

Select file to upload (.docx/.pdf):
Choose File | No file chosen

Select image to upload (.jpeg/.jpg):
Choose File | No file chosen

Upload

---

uploads/Syallabus.pdf is not uploaded via HTTP POST
images/event2.jpg is not uploaded via HTTP POST
The file Syallabus.pdf has been uploaded.
The image event2.jpg has been uploaded.

Sorry, your file is too large.
uploads/r-1.pdf is not uploaded via HTTP POST
images/formbg.jpg is not uploaded via HTTP POST
Sorry, your file was not uploaded.
The image formbg.jpg has been uploaded.

Question:

Write a PHP program to write 100 integers in to a text file. Read 10 numbers at a time from the file using PHP script and find the numbers which occurs odd number of times.

Input : 4, 5, 4, 5, 2, 2, 3, 3, 2, 4 Output : 2, 4

Code:

`index.php`

```php
<?php
  echo "<h1 style ='font:40px Arial; color:#ff0000'>ISHAAN OHRI 18BCE0265
Assignment 8-B</h1>";

  // For writing the file
  $numfile = fopen("file.txt", "w") or die("Unable to open file!");
  for ($i = 0; $i < 10; $i++) {
    for ($j = 0; $j < 10; $j++) {
      $num = rand(1, 5);
      fwrite($numfile, $num . " ");
    }
    fwrite($numfile, "\n");
  }
  fclose($numfile);

  // For reading the file
  $numfile = fopen("file.txt", "r") or die("Unable to open file!");
  for ($i = 0; $i < 10; $i++) {
    $line = fgets($numfile);
    $arr = explode (" ", $line);
    $arr = array_slice($arr,0,10);
    echo "<strong style ='font:20px Arial; color:#000000'>Input : </strong>";
    for ($j = 0; $j < 10; $j++) {
      echo $arr[$j] . " ";
    }
    echo '<br>';
    $uarr = array_unique($arr);
    echo "<strong style ='font:20px Arial; color:#000000'>Output : </strong>";
    foreach ($uarr as $el) {
      $count = 0;
      for ($j = 0; $j < 10; $j++) {
        if ($el == $arr[$j]) {
          $count++;
        }
      }
      if ($count % 2 != 0)
        echo $el . " ";
    }
    echo '<br>';
    echo '<br>';
```

```
    }
    fclose($numfile);
?>
```

Output:

ISHAAN OHRI 18BCE0265 Assignment 8-B

Input : 4 5 1 1 1 3 3 1 2 1
Output : 4 5 1 2

Input : 4 2 1 5 3 5 3 1 3 3
Output : 4 2

Input : 5 4 1 2 4 2 3 3 4 3
Output : 5 4 1 3

Input : 2 3 3 3 1 1 3 2 4 3
Output : 3 4

Input : 1 4 2 2 2 5 2 2 5 2
Output : 1 4

Input : 5 4 1 2 1 2 1 3 2 2
Output : 5 4 1 3

Input : 4 1 4 2 1 5 5 2 4 3
Output : 4 3

Input : 5 1 3 4 2 1 2 2 1 4
Output : 5 1 3 2

Input : 5 2 2 3 5 1 1 5 4 4
Output : 5 3

Input : 2 4 5 5 2 4 5 1 1 1
Output : 5 1