INTERNET AND WEB PROGRAMMING (CSE-3002)

EMBEDDED LAB

DIGITAL ASSIGNMENT-7

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8. **Write a PHP program to demonstrate the concept of File handling**

    i.   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:

```php
<div class="container">
        <?php
        $file=fopen("da7.txt","w");
        for($i=0;$i<100;$i++)
        {
                $ran=strval(rand(0,9));
                $ran.="\n";
                fwrite($file,$ran);

        }
        fclose($file);
        $file=fopen("da7.txt","r");
        echo "the values stored in the text file are ".fread($file,filesize("da7.txt"))."<hr>";
        fclose($file);
        $file=fopen("da7.txt","r");
        echo "10 numbers selected are :";
        for($i=0;$i<10;$i++)
        {
                $arr[$i]=fgets($file);
                echo $arr[$i];
        }
        echo "<br> The numbers which repeat odd times are:";
        $val=array_count_values($arr);
        foreach($val as $x=>$values)
        {
```

```php
                if($values%2!=0)
                        echo $x;


        }
        fclose($file);
        ?>
</div>
```

OUTPUT:

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 for form page:

```
<div class="container">
        <form action="checktoupload.php" method="post" enctype="multipart/form-data">
                Name:<input type="text"><br>
                upload resume (PDF/DOC format):
                <input type="file" name="resume" id="resume"><br>
                upload image (jpeg/jpg format):
                <input type="file" name="photo" id="photo">
                <input type="submit" value="Submit" name="submit">
        </form>
</div>
```

Validation code:

```
<!DOCTYPE html>
<html>
<head>
 <title>PHP file Handling</title>
 <style>
 Body:
 {
 Background-color="black"
 }
 .container:
 {
 Border: 2px solid red
 Color:blue
 }
 </style>
</head>
<body>
 <div class="det">
  <p>Bharath Surendar I</p>
  <p>18BCE0450</p>
 </div>
 <div class="container">
 <?php
 if($_SERVER['REQUEST_METHOD']!="POST")
 {
  echo "Method is not POST";

 }
```

```php
 else
 {
$target_dir = "files/";
$target_file = $target_dir . basename($_FILES["resume"]["name"]);
$uploadOk = 1;
$imageFileType = strtolower(pathinfo($target_file,PATHINFO_EXTENSION));
```

```php
    if (file_exists($target_file)) {
     echo "Sorry, file already exists.";
     $uploadOk = 0;
    }
    if ($_FILES["resume"]["size"] > 500000 ) {
     echo "Sorry, your file is too large.<br>";
     $uploadOk = 0;
    }
    if($imageFileType != "doc" && $imageFileType != "pdf") {
     echo "Sorry, only doc, pdf files are allowed.<br>";
     $uploadOk = 0;
    }
    if ($uploadOk == 0) {
     echo "Sorry, your file was not uploaded.<br>";
    } else {
     if (move_uploaded_file($_FILES["resume"]["tmp_name"], $target_file)) {
      echo "The file ". basename( $_FILES["resume"]["name"]). " has been uploaded.";
     } else {
      echo "Sorry, there was an error uploading your file.<br>";
     }
    }
    $target_file = $target_dir . basename($_FILES["photo"]["name"]);
    $uploadOk = 1;
    $imageFileType = strtolower(pathinfo($target_file,PATHINFO_EXTENSION));
    if (file_exists($target_file)) {
     echo "Sorry, photo already exists.<br>";
     $uploadOk = 0;
    }
    if ($_FILES["photo"]["size"] > 1000000 ) {
     echo "Sorry, your photo is too large.<br>";
     $uploadOk = 0;
    }
    if($imageFileType != "jpg" && $imageFileType != "jpeg" ) {
     echo "Sorry, only JPG, JPEGfiles are allowed.<br>";
     $uploadOk = 0;
    }
    if ($uploadOk == 0) {
     echo "Sorry, your photo was not uploaded.<br>";
    } else {
     if (move_uploaded_file($_FILES["photo"]["tmp_name"], $target_file)) {
      echo "The file ". basename( $_FILES["photo"]["name"]). " has been uploaded.";
     } else {
      echo "Sorry, there was an error uploading your photo.<br>";
     }
    }
    }

    ?>
```
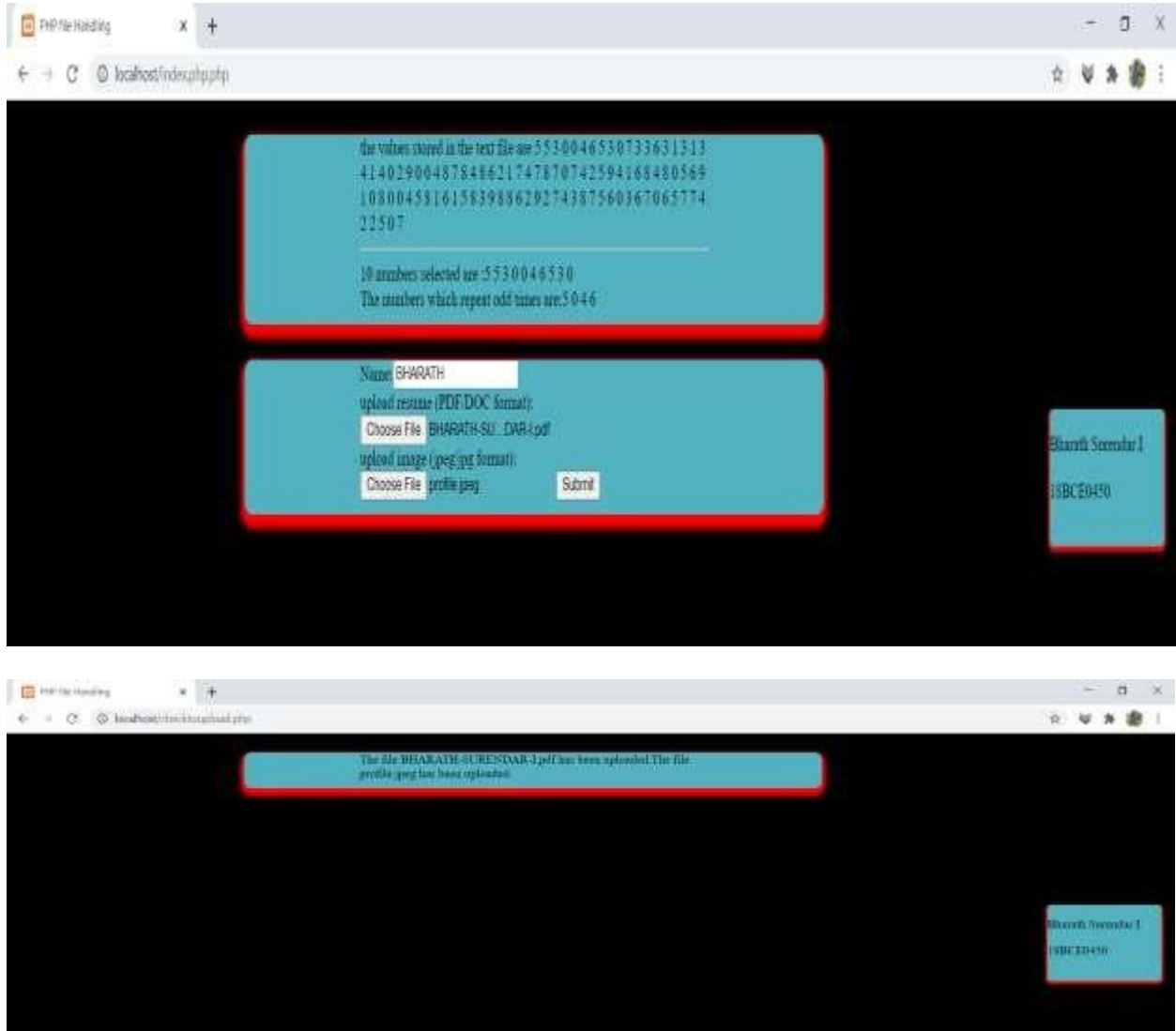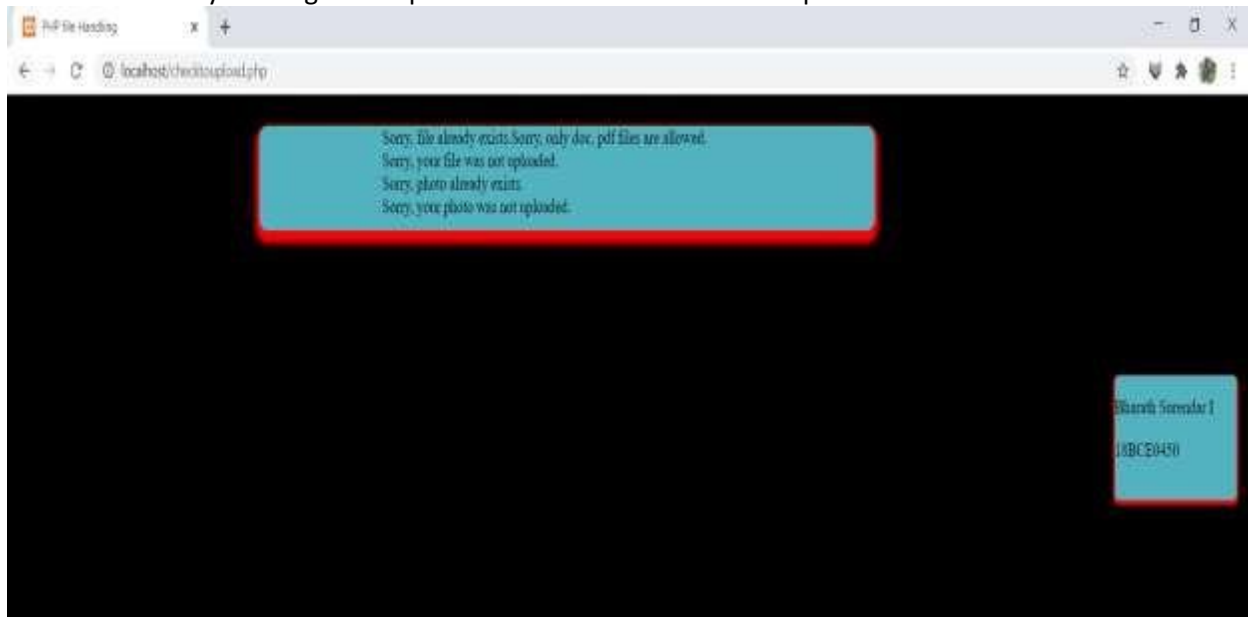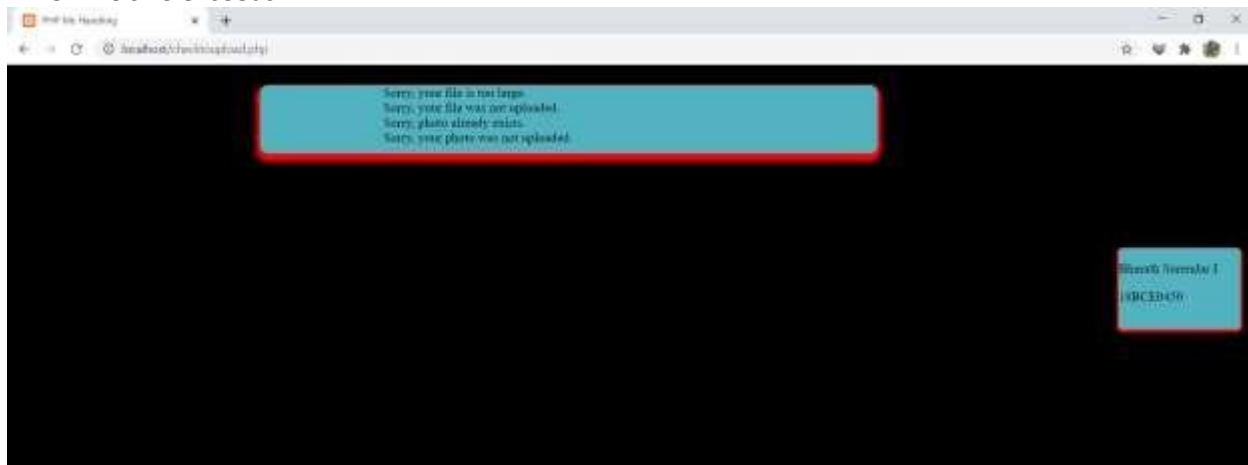
```
</div>
</body>
</html>
```

OUTPUT:

When the already existing file is uploaded and different format is uploaded:

When file size exceeds:

When method is not POST:

Overall code for assignment:

```
<!DOCTYPE html>
<html>
<head>
        <title>PHP file Handling</title>
        <link href="style.css" rel="stylesheet">
</head>
<body>
        <div class="det">
                <p>Bharath Surendar I</p>
                <p>18BCE0450</p>
        </div>
        <div class="container">
        <?php
        $file=fopen("da7.txt","w");
        for($i=0;$i<100;$i++)
        {
                $ran=strval(rand(0,9));
                $ran.="\n";
                fwrite($file,$ran);

        }
        fclose($file);
        $file=fopen("da7.txt","r");
        echo "the values stored in the text file are ".fread($file,filesize("da7.txt"))."<hr>";
        fclose($file);
        $file=fopen("da7.txt","r");
        echo "10 numbers selected are :";
        for($i=0;$i<10;$i++)
        {
                $arr[$i]=fgets($file);
                echo $arr[$i];
        }
        echo "<br> The numbers which repeat odd times are:";
        $val=array_count_values($arr);
        foreach($val as $x=>$values)
        {
                if($values%2!=0)
                        echo $x;

        }
        fclose($file);
        ?>
</div>
<div class="container">
        <form action="checktoupload.php" method="post" enctype="multipart/form-data">
                Name:<input type="text"><br>
                upload resume (PDF/DOC format):
```

```
                <input type="file" name="resume" id="resume"><br>
                upload image (jpeg/jpg format):
                <input type="file" name="photo" id="photo">
                <input type="submit" value="Submit" name="submit">
        </form>
</div>
</body>
</html>
```

PHP COMPONENTS USED:
$variables: to store the values
fopen: to open a file with modes(r-read only, w-write only)
fread: to read the contents in the file with specific size
fgets(): to read a line from the file
fclose: to close the file
action: give the file to be open after submitting the form
method: method to post the values in the form
array_count_value: returns a associated matrix with the values in the array and its count
array: function to create an array
foreach: for loop function to iterate over the array