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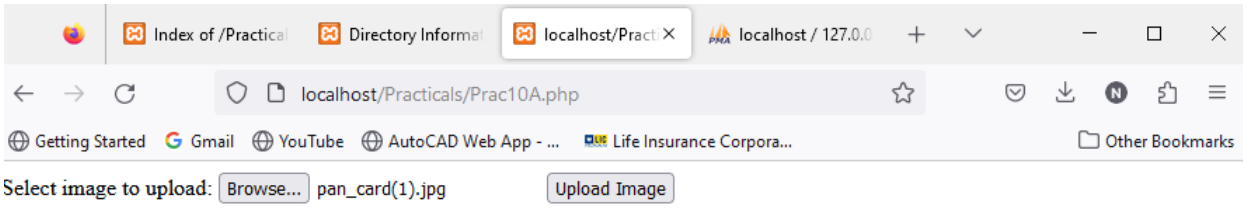
Course Code and Name: 2CSDE69 LAMP Technology
Practical No. 10 (A)
Aim: Write a PHP program for the uploading the images in a directory.

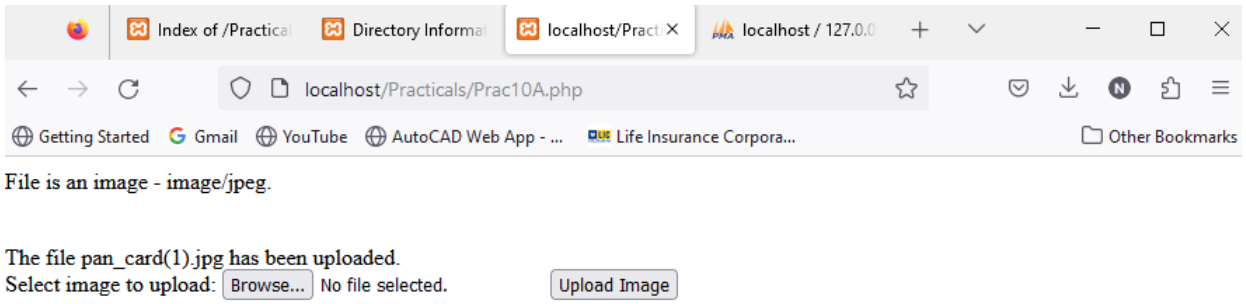
Methodology followed:

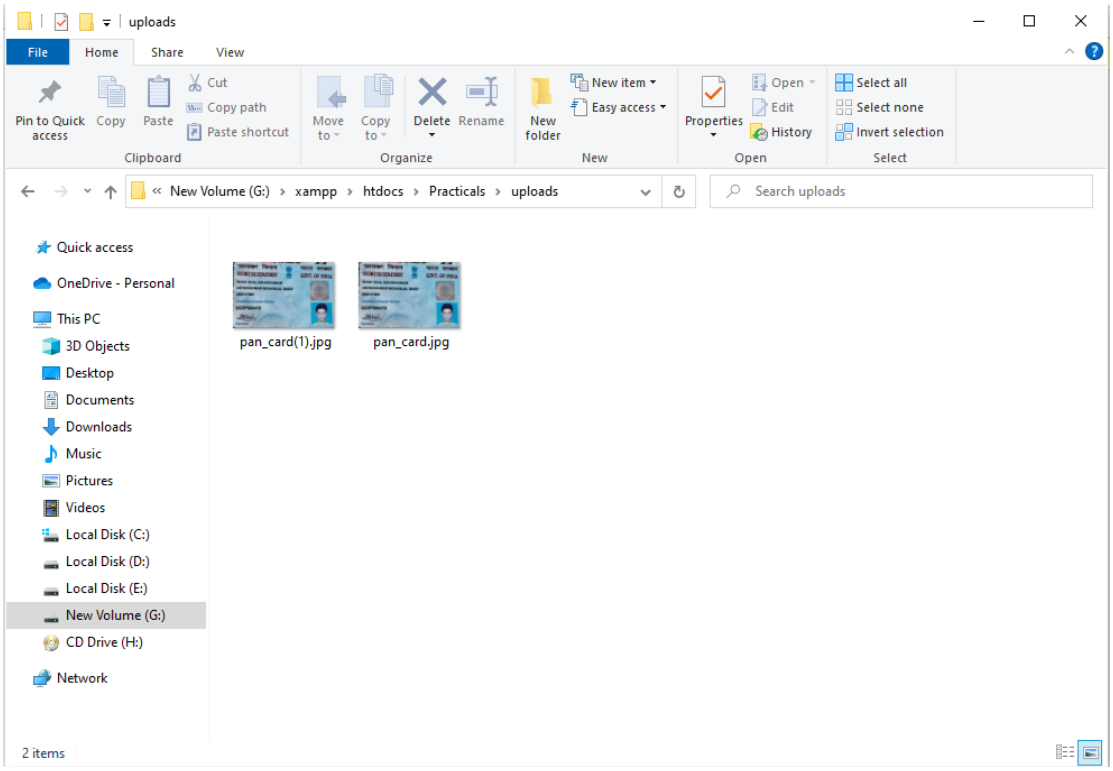
```
<!DOCTYPE html>
<html>
<body>
    <?php
        if(isset($_POST['submit'])){
        $target_dir = "uploads/";
        $target_file = $target_dir . basename($_FILES["fileToUpload"]["name"]);
        $uploadOk = 1;
        $imageFileType = strtolower(pathinfo($target_file,PATHINFO_EXTENSION));
        $check = getimagesize($_FILES["fileToUpload"]["tmp_name"]);
        if($check !== false) {
            echo "File is an image - " . $check["mime"] . ".";
            $uploadOk = 1;
        }
        else {
            echo "File is not an image.";
            $uploadOk = 0;
        }
        echo "<br>";
        // Check if file already exists
        if (file_exists($target_file)) {
            echo "Sorry, file already exists.";
            $uploadOk = 0;
        }
        echo "<br>";
        // Allow certain file formats
        if($imageFileType != "jpg" && $imageFileType != "png" && $imageFileType != "jpeg" &&
$imageFileType != "gif" ) {
            echo "Sorry, only JPG, JPEG, PNG & GIF files are allowed.";
            $uploadOk = 0;
        }
        echo "<br>";
        // Check if $uploadOk is set to 0 by an error
        if ($uploadOk == 0) {
            echo "Sorry, your file was not uploaded.";
        // if everything is ok, try to upload file
        }
        else {
            if (move_uploaded_file($_FILES["fileToUpload"]["tmp_name"], $target_file)) {
                echo "The file ". htmlspecialchars( basename(
$_FILES["fileToUpload"]["name"])). " has been uploaded.";
```

```
            }
            else {
                echo "Sorry, there was an error uploading your file.";
            }
        }
        echo "<br>";
        }
    ?>

<form action="<?php echo htmlspecialchars($_SERVER["PHP_SELF"]);?>" method="post"
enctype="multipart/form-data">
  Select image to upload:
  <input type="file" name="fileToUpload" id="">
  <input type="submit" value="Upload Image" name="submit">
</form>

</body>
</html>
```

Output:







Practical No. 10 (B)

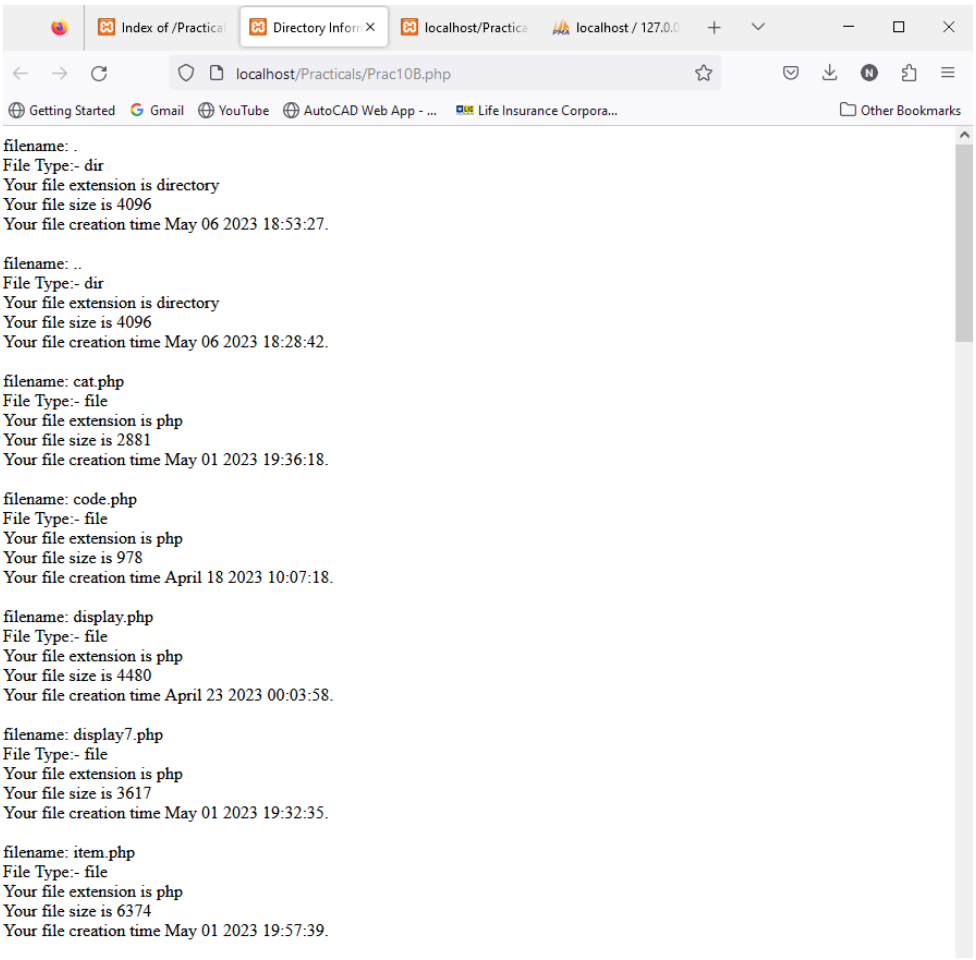
Aim: Write a PHP program to display the information about the directory or file like (filename, file type, file size, Date & Time).

Methodology followed:

```
<!DOCTYPE html>
    <html lang="en">
    <head>
        <meta charset="UTF-8">
        <meta http-equiv="X-UA-Compatible" content="IE=edge">
        <meta name="viewport" content="width=device-width, initial-scale=1.0">
        <title>Directory Information</title>
    </head>
    <body>
    <?php
        date_default_timezone_set("Asia/Kolkata");
        $d = dir(getcwd());
        while (($file = $d->read()) !== false){
            $tmp =pathinfo($file);
            echo "filename: " . $file . "<br>";
            echo "File Type:- ".filetype($file)." <br>";
if(array_key_exists('extension',$tmp)){
            $ext=$tmp['extension']; if(empty($ext))
            echo "Your file extension is directory <br>"; else
            echo "Your file extension is ".$ext." <br>";
        }
        echo "Your file size is ".filesize($file)." <br>";
```

```
        $filetime=filemtime($file);
        echo "Your file creation time ".date("F d Y H:i:s.",
        $filetime)." <br>";
        echo "<br>";
        }
    ?>
    </body>
</html>
```

Output:



Practical No. 10 (C)

Aim: Write a program to read a flat file student.dat and display the data from file in tabular format also calculate the percentage.

Methodology followed:

```
<?php

$file_content = [];
```

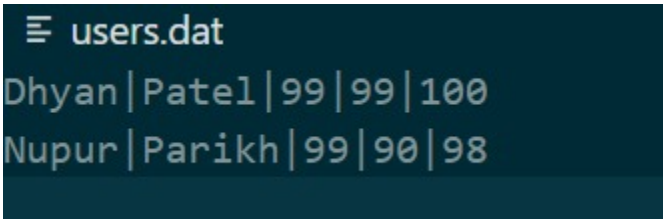
```php
if ($_SERVER["REQUEST_METHOD"] == "POST") {
    $file = fopen("users.dat", "a+");
    if (isset($_POST["add"])) {
        foreach ($_POST as $p) {
            if (empty($p)) {
                echo "Fill all fields!";
                return;
            }
        }
        $fname = $_POST["fname"];
        $lname = $_POST["lname"];
        $sub1 = $_POST["subject1"];
        $sub2 = $_POST["subject2"];
        $sub3 = $_POST["subject3"];
        $str = $fname . "|" . $lname . "|" . $sub1 . "|" . $sub2 . "|" . $sub3 . "\r\n";

        fwrite($file, $str);
    } else if (isset($_POST["display"])) {
        //diss
        while (!feof($file)) {
            $str = fgets($file);
            $arr = explode("|", $str);
            if (count($arr) > 1) {
                $arr[] = ($arr[2] + $arr[3] + $arr[4]) / 3;
                $file_content[] = $arr;
            }
        }
    }

    fclose($file);
}

?>


<!DOCTYPE html>
<html lang="en">

<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>File Handling</title>
</head>

<body>
    <form method="POST" action="<?php echo htmlspecialchars($_SERVER["PHP_SELF"]) ?>">
        <div>
            FirstName <input type="text" name="fname" id="fname" />
        </div>
```

```
        <div>
            LastName <input type="text" name="lname" id="lname" />
        </div>
        <div>
            Subject 1 <input type="number" name="subject1" id="subject1" max="100" min="0" />
        </div>
        <div>
            Subject 2 <input type="number" name="subject2" id="subject2" max="100" min="0" />
        </div>
        <div>
            Subject 3 <input type="number" name="subject3" id="subject3" max="100" min="0" />
        </div>
        <input type="submit" name="add" value="add" />
        <input type="submit" name="display" value="display" />
    </form>

    <table border="1">
        <tr>
            <th>First Name</th>
            <th>Last Name</th>
            <th>Marks 1</th>
            <th>Marks 2</th>
            <th>Marks 3</th>
            <th>Percentage</th>
        </tr>

        <?php foreach ($file_content as $f) { ?>
            <tr>
                <th><?php echo $f[0] ?></th>
                <th><?php echo $f[1] ?></th>
                <th><?php echo $f[2] ?></th>
                <th><?php echo $f[3] ?></th>
                <th><?php echo $f[4] ?></th>
                <th><?php echo $f[5] ?></th>
            </tr>
        <?php } ?>
    </table>

</body>

</html>
```

Output:

FirstName
LastName
Subject 1
Subject 2
Subject 3
add display

First Name	Last Name	Marks 1	Marks 2	Marks 3	Percentage
Dhyan	Patel	99	99	100	99.333333333333
Nupur	Parikh	99	90	98	95.666666666667



Conclusion: With the help of default function in php, we can get file from the user, store in database. We can also apply filter like size of file, extension of file by php functions.