

Practical 10

LAMP Technology

2CSDE69

Mistry Unnat

20BCE515

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AIM:

- A. Write a PHP program for the uploading the images in a directory.**
- B. Write a PHP program to display the information about the directory or file like (filename, file type, file size, Date & Time).**
- C. Write a program to read a flat file student.dat and display the data from file in tabular format also calculate the percentage.**

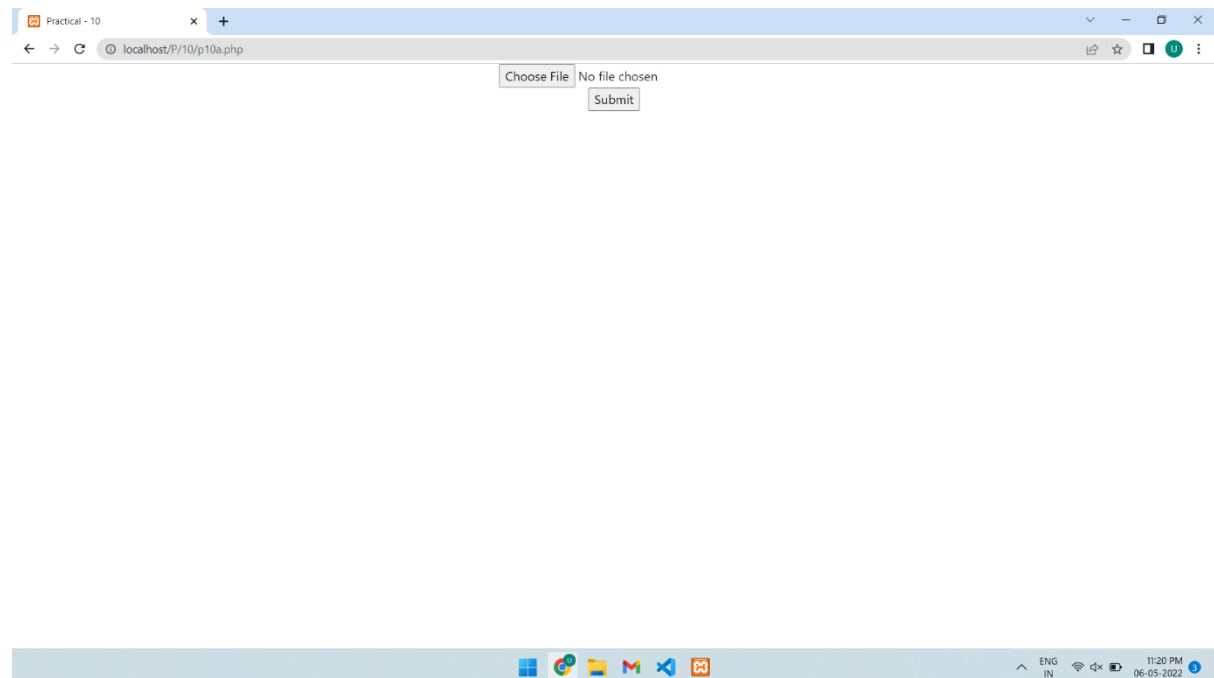
10-A

Php code:

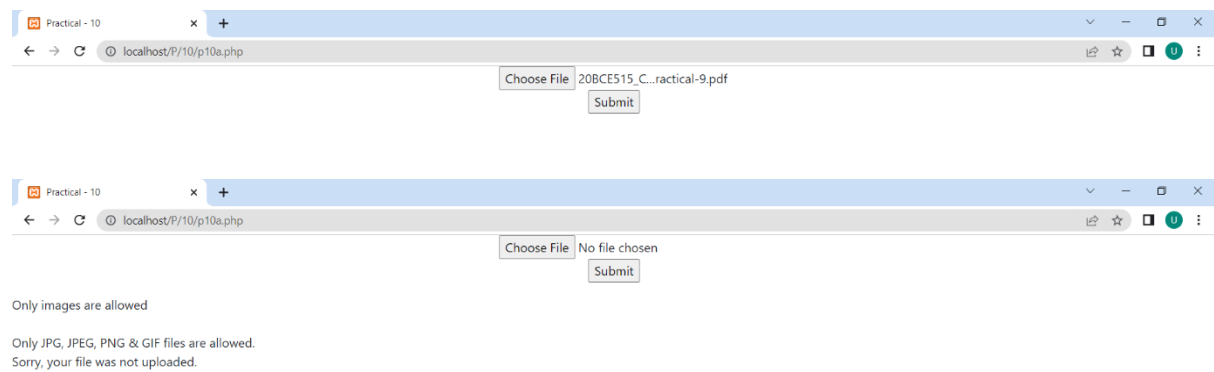
```
<html lang="en">
<head>
<link rel="stylesheet"
href="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/css/bootstrap.min.css"
">
<title>Practical - 10</title>
</head>
<body>
<center>
<form action="" method="post" enctype="multipart/form-data">
<input type="file" name="fileToUpload" id=""><br>
<input type="submit" value="Submit" name="sub-btn">
</form>
</center>
<?php
if (isset($_POST['sub-btn'])) {
    $target_dir = "img/";
    $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 "Only images are allowed";
        $uploadOk = 0;
    }
    echo "<br>";
    if (file_exists($target_file)) {
        echo "Sorry, file already exists.";
        $uploadOk = 0;
    }
    echo "<br>";
    if ($imageFileType != "jpg" && $imageFileType != "png" && $imageFileType
!= "jpeg" &&
```

```
        $imageFileType != "gif") {
            echo "Only JPG, JPEG, PNG & GIF files are allowed.";
            $uploadOk = 0;
        }
        echo "<br>";
        if ($uploadOk == 0) {
            echo "Sorry, your file was not uploaded.";
        } else {
            if (move_uploaded_file($_FILES["fileToUpload"]["tmp_name"],
            $target_file)) {
                echo "The file " .
            htmlspecialchars(basename($_FILES["fileToUpload"]["name"])) . " has been
            uploaded.";
            } else {
                echo "Error uploading file.";
            }
        }
        echo "<br>";
    }
?>
</body>
</html>
```

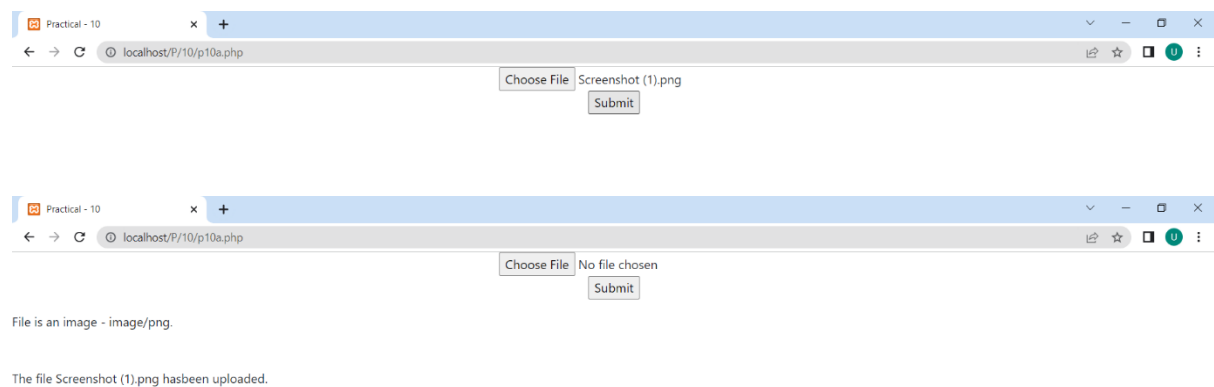
Screenshots:



Uploading non-image file:



Uploading image file:



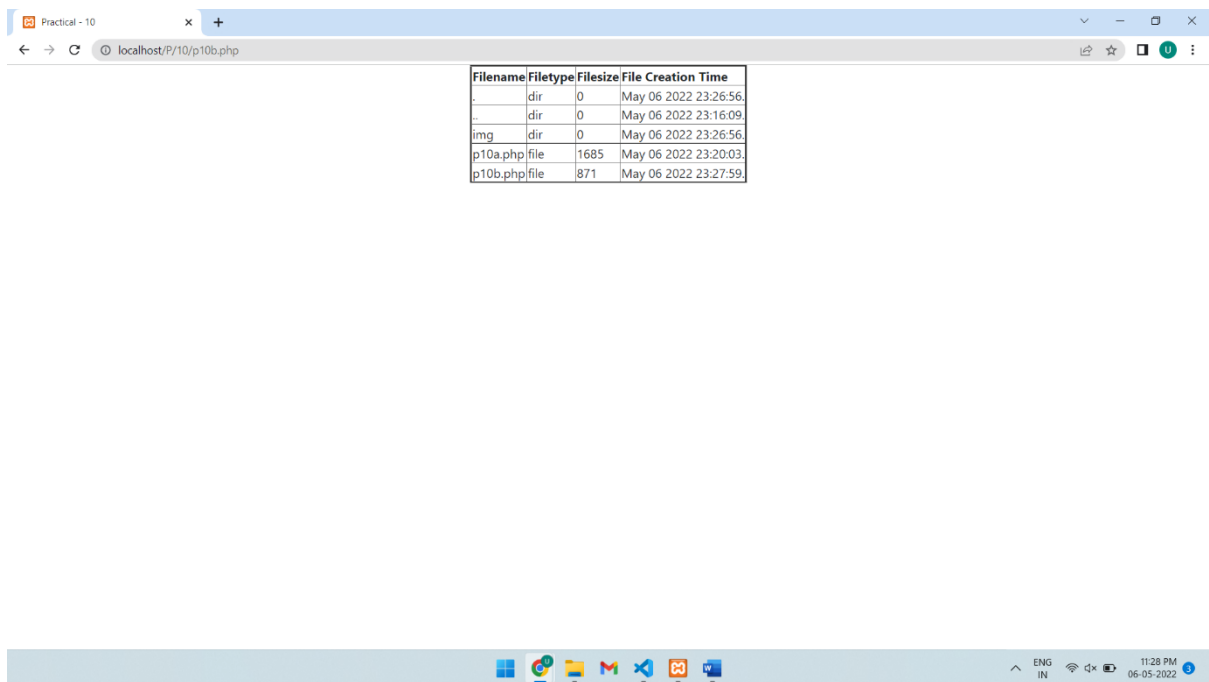
10-B

Php code:

```
<html lang="en">
<head>
<link rel="stylesheet"
href="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/css/bootstrap.min.css"
">
<title>Practical - 10</title>
</head>
<body>
<!-- FileName FileType FileSize Date and Time -->
<center>
<?php
date_default_timezone_set("Asia/Kolkata");
$d = dir(getcwd());
echo "<table border=2>";
```

```
echo "<tr>";
echo "<th>Filename</th>";
echo "<th>Filetype</th>";
echo "<th>Filesize</th>";
echo "<th>File Creation Time</th>";
echo "</tr>";
while (($file = $d->read()) !== false) {
    $tmp = pathinfo($file);
    $filetime = filemtime($file);
    echo "<tr>";
    echo "<td>" . $file . "</td>";
    echo "<td>" . filetype($file) . "</td>";
    echo "<td>" . filesize($file) . "</td>";
    echo "<td>" . date("F d Y H:i:s.", $filetime) . "</td>";
    echo "</tr>";
}
echo "</table>";
?>
</center>
</body>
</html>
```

Screenshots:

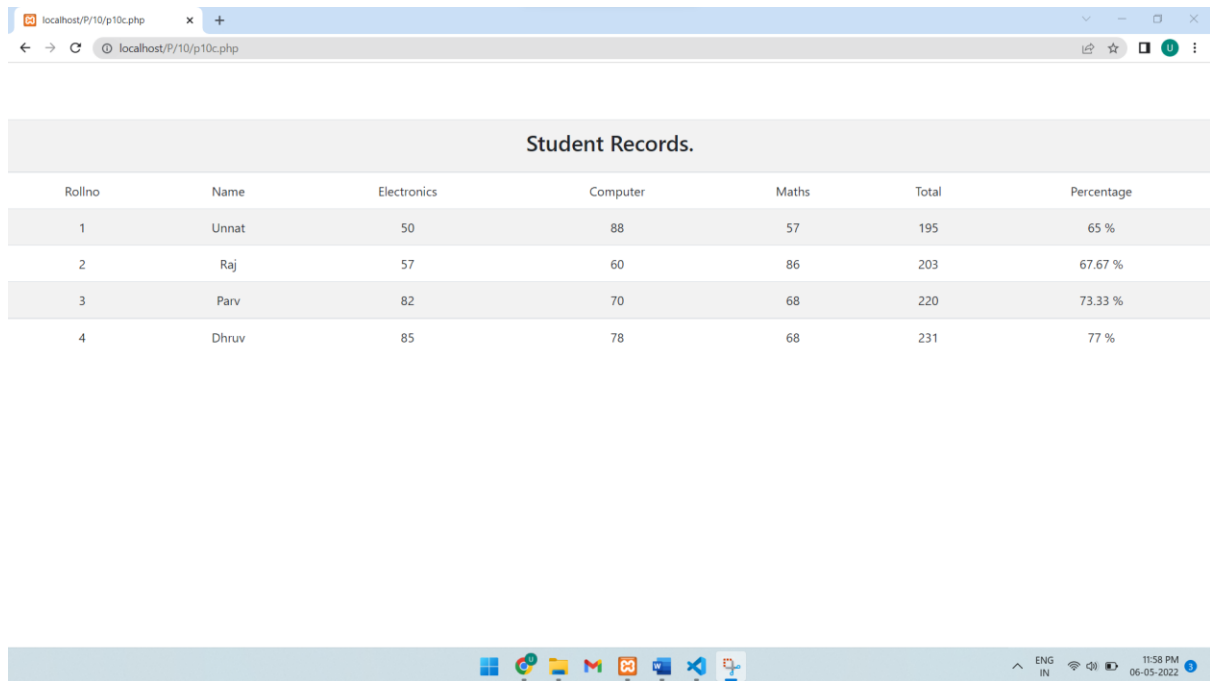


10-C

Php code:

```
<head>
<link rel="stylesheet" href="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/css/bootstrap.min.css">
</head>
<?php
if (file_exists('student.dat')) {
    $f = fopen('student.dat', 'r');
    echo "<br/><br/><br/>";
    echo "<table class='table table-striped' align=center>";
    echo "<tr><td colspan=7 align=center><h3>Student Records.</h3></td></tr>";
    echo "<tr><td align=center>Rollno</td>";
    echo "<td align=center>Name</td>";
    echo "<td align=center>Electronics</td>";
    echo "<td align=center>Computer</td>";
    echo "<td align=center>Maths</td>";
    echo "<td align=center>Total</td>";
    echo "<td align=center>Percentage</td></tr>";
    while (!feof($f)) {
        $d = fgets($f);
        $s = explode(',', $d);
        if (!empty($s[0]) && !empty($s[1]) && !empty($s[2]) && !empty($s[3])
&& !empty($s[4])) {
            $m1 = $s[2];
            $m2 = $s[3];
            $m3 = $s[4];
            $total = $m1 + $m2 + $m3;
            $p = ($total / 300) * 100;
            echo "<tr><td align=center>$s[0]</td>";
            echo "<td align=center>$s[1]</td>";
            echo "<td align=center>$m1</td>";
            echo "<td align=center>$m2</td>";
            echo "<td align=center>$m3</td>";
            echo "<td align=center>$total</td>";
            echo "<td align=center>$p %</td></tr>";
        }
    }
    echo "</table>";
} else {
    echo "Student.dat do not exist";
}
?>
```

Screenshots:



The screenshot shows a web browser window with the address bar displaying 'localhost/P/10/p10c.php'. The page content is a table titled 'Student Records.' with the following data:

Rollno	Name	Electronics	Computer	Maths	Total	Percentage
1	Unnat	50	88	57	195	65 %
2	Raj	57	60	86	203	67.67 %
3	Parv	82	70	68	220	73.33 %
4	Dhruv	85	78	68	231	77 %

The Windows taskbar at the bottom shows the system clock as 11:58 PM on 06-05-2022, with the language set to ENG IN.

Conclusion:

From this practicals, we learnt working with files in php.