

C0-3	Develop interactive Web pages using various form controls and methods.
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PRACTICAL LIST – 3

- 3.1** Write a PHP script to Design a HTML Web Form using form tag Which Must Include the input field covered in Class.
- 3.2** Create student registration form using text box, check box, radio button, select, submit button. And display user inserted value in new PHP page using GET Method.
- 3.3** Create Website Registration Form using text box, check box, radio button, select, submit button. Display user inserted value in new PHP page using POST method.
- 3.4** Write a PHP script to create a calculator.
- 3.5** Write a PHP script to demonstrate handling of multi valued fields.
- 3.6** Write a PHP script to upload a file which displays extension of a file and size of file.
- 3.7** Write a PHP script to Design Student Registration Form for admission into diploma course using self processing web forms with following fields seat no., father and mother name, student_name, dob, gender, category, science, maths, english, user_id, password, Con. password, address.
- 3.8** Write a PHP script to redirect user to different page with header function.
- 3.9** Write a PHP script to explain concept of \$_REQUEST.

Aim:

- 3.1** Write a PHP script to Design a HTML Web Form using form tag Which Must Include the input field covered in Class
- 3.2** Create student registration form using text box, check box, radio button, select, submit button. And display user inserted value in new PHP page using GET Method.

Software Required: Notepad, WordPad, Notepad++, Dreamweaver

Pre-requisite: Basic knowledge of editor

Theory/Logic:**❖ FORM tag:-**

- ❑ It is used to design form which contains various input controls that allows user to input information.

Input Element:-

- ❑ It allows you to place various controls in the form to accept input from user.

Sr_No	Type	Control
1	Text	Textbox
2	Hidden	Hidden Textbox
3	Password	Textbox with Password
4	Submit	Submit Button
5	Checkbox	Check Box
6	Radio	Radio Button
7	Reset	Reset Button
8	File	File Upload
9	Button	Button
10	Image	Image button

❖ Textbox Syntax:-

<input type="text" name="Text Name" value="Default value">

❖ Hidden field Syntax:-

<input type="hidden" name="Hidden field Name" value="Default value">

❖ Password Syntax:-

<input type="password" name="pass Name" value="Default value">

❖ TextArea Syntax: -

<textarea name = "Text name" rows= "rowsize" cols= "columnsize">

❖ checkbox Syntax:-

**<input type="checkbox" name="checkBoxName" value="Default value" checked>
TextToDisplay </input>**

❖ radio Button Syntax:-

**<input type="radio" name="radioname" value="Default value" checked> TextToDisplay
</input>**

❖ List box Syntax:-

<select name="List name" size="value"> <option>Value1</option>

```
<Option>Value1</option>
</select>
```

❖ Submit Button Syntax: -

```
<input type= "submit" >
```

❖ Image Button Syntax: -

```
<input type= "image" SRC= "URL">
```

❖ Submit form using \$GET method:

- ☐ It will pass variable through URL.
- ☐ In this Method Information will be sent to destination file through URL using concept of Query String.
- ☐ The GET method is restricted to send up to 1024 characters only.
- ☐ Never use GET method if you have password or other sensitive information to be sent to the server.
- ☐ GET can't be used to send binary data, like images or word documents, to the server.
- ☐ The PHP provides **\$_GET** associative array to access all the sent information using GET method.
- ☐ Syntax: -
\$VariableName = \$_GET["fieldname"];

❖ Disadvantages: -

- ☐ Information trying to pass to destination file is visible in URL so it is Insecure.
- ☐ Transfer limited amount of Information.
- ☐ GET can't be used to send binary data, like images or word documents, to the server.
- ☐ The GET method is restricted to send up to 1024 characters only.

Program/Solution:

3.1 file code: -

```
<!DOCTYPE html>
<html>
<head runat="server">
<title></title>
<style>
table {
    align-items: center;
    margin-left: 40px;
}
.submitbtn {
    align-content: center;
    cursor: pointer;
    font-weight: bold;
    margin-left: 150px;
```

```
}
</style>
</head>
<body>
<form>
<div>
<br />
<center><Label><h1>Enter Details for Resume</h1></Label></center>
<br />
<br />
<table border="0">
<tr>
<td><b>Name : </b></td>
<td>
<input type="text" name="txtname"/>
</td>
</tr>
<tr>
<td><b>Surname :</b></td>
<td>
<input type="text" name="txtsurname"/>
</td>
</tr>
<tr>
<td><b>Address :</b></td>
<td>
<textarea rows="3" cols="20" name="txtaddress"></textarea>
</td>
</tr>
<tr>
<td><b>City :</b></td>
<td>
<select name="city">
<option>Surat</option>
<option>Ahmedabad</option>
<option>Vadodara</option>
<option>Rajkot</option>
</select>
</td>
</tr>
<tr>
<td><b>Email :</b></td>
<td>
<input type="text" name="email"/>
</td>
</tr>
<tr>
<td><b>Hobbies :</b></td>
<td>
```

```

        <input type="checkbox" name="hobbies"
value="Gaming">Gaming</input>
        <input type="checkbox" name="hobbies"
value="Reading">Reading</input>
        <input type="checkbox" name="hobbies"
value="Cricket">Cricket</input>
    </td>
</tr>
<tr>
    <td><b>Gender :</b></td>
    <td>
        <input type="radio" name="gender" value="Male">Male</input>
        <input type="radio" name="gender" value="Female">Female</input>
        <input type="radio" name="gender" value="Other">Other</input>
    </td>
</tr>
<tr>
    <td><b>Pin Code :</b></td>
    <td>
        <input type="number" name="pincode"/>
    </td>
</tr>
<tr>
    <td><b>Phone No :</b></td>
    <td>
        <input type="tel" name="ph_no"/>
    </td>
</tr>
<tr>
    <td><b>Profile Photo :</b></td>
    <td>
        <input type="file" name="file"/>
    </td>
</tr>
</table>
<br />
<input type="submit" name="btnsubmit" value="SUBMIT" class="submitbtn"
/>
    <br />
</div>
</body>
</html>

```

3.2 file code: -

```
<!DOCTYPE html>
```

```
<html>
```

```
<head runat="server">
```

```
<title></title>
```

```
<style>
  table {
    align-items: center;
    margin-left: 40px;
  }
  .submitbtn {
    align-content: center;
    cursor: pointer;
    font-weight: bold;
    margin-left: 150px;
  }
  *{
    background-color: lightskyblue;
    font-family: Verdana, Geneva, Tahoma, sans-serif;
    font-weight: 520;
  }
</style>
</head>
<body>
  <form action="PR3_2(2).php" method="get">
    <div>
      <br />
      <center><Label><h1>Enter Details for Resume(GET
Method)</h1></Label></center>
      <br />
      <br />
      <table border="0">
        <tr>
          <td><b>Name : </b></td>
          <td>
            <input type="text" name="txtname" />
          </td>
        </tr>
        <tr>
          <td><b>Surname :</b></td>
          <td>
            <input type="text" name="txtsurname" />
          </td>
        </tr>
        <tr>
          <td><b>Address :</b></td>
          <td>
            <textarea rows="3" cols="20" name="txtaddress"></textarea>
          </td>
        </tr>
        <tr>
          <td><b>City :</b></td>
          <td>
```

```
<select name="city" >
  <option value="Surat">Surat</option>
  <option value="Ahmedabad">Ahmedabad</option>
  <option value="Vadodara">Vadodara</option>
  <option value="Rajkot">Rajkot</option>
</select>
</td>
</tr>
<tr>
  <td><b>Email :</b></td>
  <td>
    <input type="text" name="txtemail"/>
  </td>
</tr>
<tr>
  <td><b>Hobbies :</b></td>
  <td>
    <input type="checkbox" name="hobbies[]"
value="Gaming">Gaming</input>
    <input type="checkbox" name="hobbies[]"
value="Reading">Reading</input>
    <input type="checkbox" name="hobbies[]"
value="Cricket">Cricket</input>
  </td>
</tr>
<tr>
  <td><b>Gender :</b></td>
  <td>
    <input type="radio" name="gender" value="Male">Male</input>
    <input type="radio" name="gender" value="Female">Female</input>
    <input type="radio" name="gender" value="Other">Other</input>
  </td>
</tr>
<tr>
  <td><b>Pin Code :</b></td>
  <td>
    <input type="number" name="txtpincode"/>
  </td>
</tr>
<tr>
  <td><b>Phone No :</b></td>
  <td>
    <input type="tel" name="txtph_no"/>
  </td>
</tr>
<tr>
  <td><b>Profile Photo :</b></td>
  <td>
    <input type="file" name="file"/>
  </td>
</tr>
```

```
        </td>
    </tr>
</table>
<br />
<input type="submit" name="btnsubmit" value="SUBMIT" class="submitbtn"
/>
    <br />
</div>
</body>
</html>
```

3.2(2) file code : -

```
<?php
$name=$_GET['txtname'];
$surname=$_GET['txtsurname'];
$address=$_GET['txtaddress'];
$city=$_GET['city'];
$email=$_GET['txtemail'];
$gender=$_GET['gender'];
$hobbies=$_GET['hobbies'];
$pincode=$_GET['txtpincode'];
$phone_no=$_GET['txtph_no'];
?>
<head>
<style>
*{
    background-color:lightskyblue;
    font-family: Verdana, Geneva, Tahoma, sans-serif;
    font-weight: 520;
    font-size: 20px;

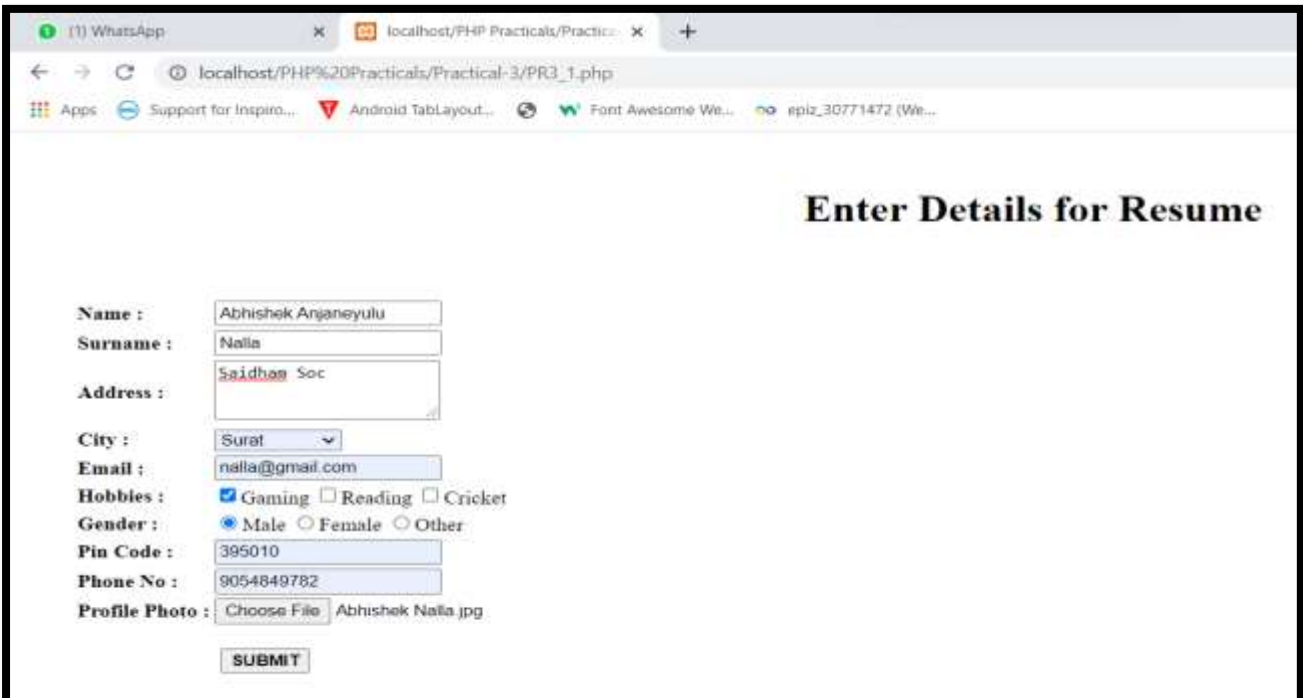
}
</style>
</head>
<table>
<tr>
    <td>Name</td>
    <td>:</td>
    <td><?php echo "$name $surname"?></td>
</tr>
<tr>
    <td>Address</td>
    <td>:</td>
    <td><?php echo "$address"?></td>
</tr>
<tr>
    <td>City</td>
    <td>:</td>
    <td><?php echo "$city"?></td>
```



```
</tr>
<tr>
  <td>Pincode</td>
  <td>:</td>
  <td><?php echo "$pincode"?></td>
</tr>
<tr>
  <td>Email</td>
  <td>:</td>
  <td><?php echo "$email"?></td>
</tr>
<tr>
  <td>Gender</td>
  <td>:</td>
  <td><?php echo "$gender"?></td>
</tr>
<tr>
  <td>Hobbies</td>
  <td>:</td>
  <td><?php echo "$hobbies"?></td>
</tr>
<tr>
  <td>Phone No</td>
  <td>:</td>
  <td><?php echo "$phone_no"?></td>
</tr>
</table>
```

Output: -

3.1



The screenshot shows a web browser window with the address bar displaying 'localhost/PHP Practicals/Practical-3/PR3_1.php'. The page title is 'Enter Details for Resume'. The form contains the following fields and values:

- Name : Abhishek Anjaneyulu
- Surname : Nalla
- Address : Saidhan Soc
- City : Surat
- Email : nalla@gmail.com
- Hobbies : ☒ Gaming ☐ Reading ☐ Cricket
- Gender : ☒ Male ☐ Female ☐ Other
- Pin Code : 395010
- Phone No : 9054849782
- Profile Photo : Choose File Abhishek Nalla.jpg

A SUBMIT button is located at the bottom of the form.

3.2(1)

A screenshot of a web browser showing a form titled "Enter Details for Resume(GET Method)". The form is set against a light blue background. It contains several input fields: "Name" with the value "Abhishek Anjaneyulu", "Surname" with "Nalla", "Address" with "Saidham Soc", "City" with a dropdown menu showing "Surat", "Email" with "nalla@gmail.com", "Hobbies" with checkboxes for "Gaming" (checked), "Reading", and "Cricket", "Gender" with radio buttons for "Male" (selected), "Female", and "Other", "Pin Code" with "395010", "Phone No" with "9054849782", and "Profile Photo" with a "Choose File" button and the filename "Abhishek Nalla.jpg". A "SUBMIT" button is at the bottom.

3.2(2)

A screenshot of a web browser showing the details submitted in the previous form. The details are listed on a light blue background: Name : Abhishek Anjaneyulu Nalla, Address : Saidham Soc, City : Surat, Pincode : 395010, Email : nalla@gmail.com, Gender : Male, Hobbies : Gaming, and Phone No : 9054849782. The browser's address bar shows the URL: localhost/PHP%20Practicals/Practical-3/PR3_2(2).php?txtname=Abhishek+Anjaneyulu&txtsurname=Nalla&txt...

Questions:

1. List out types of button.

2. Describe: Query string.

Aim:

- 3.3** Create Website Registration Form using text box, check box, radio button, select, submitbutton. Display user inserted value in new PHP page using POST method.
- 3.4** Write a PHP script to create a calculator.

Software Required: Notepad, WordPad, Notepad++, Dreamweaver

Pre-requisite: Basic knowledge of editor

Theory/Logic:**❖ Submit form using \$get method:**

- ☐ The POST method transfers information via HTTP headers.
- ☐ It will transfer Information between pages through FORM body.
- ☐ The POST method does not have any restriction on data size to be sent.
- ☐ The POST method can be used to send ASCII as well as binary data.
- ☐ The data sent by POST method goes through HTTP header so security depends on HTTP protocol. By using Secure HTTP you can make sure that your information is secure.
- ☐ The PHP provides **\$_POST** associative array to access all the sent information using POST method
- ☐ Information is transferred through FORM body, not visible to everyone. Hence secure method.
- ☐ It allows you to transfer larger amount of data.
- ☐ Syntax: -

`$VariableName = $_POST["fieldname"];`

Program/Solution:**3.3 file code: -**

```
<!DOCTYPE html>
<html>
<head runat="server">
  <title></title>
  <style>
    table {
      align-items: center;
      margin-left: 40px;
    }
    .submitbtn {
      align-content: center;
      cursor: pointer;
      font-weight: bold;
```

```
margin-left: 150px;
}
*{
    background-color:lightskyblue;
    font-family: Verdana, Geneva, Tahoma, sans-serif;
    font-weight: 520;

}
</style>
</head>
<body>
    <form action="PR3_3(3).php" method="post">
        <div>
            <br />
            <center><Label><h1>Enter Details for Resume(POST
Method)</h1></Label></center>
            <br />
            <br />
            <table border="0">
                <tr>
                    <td><b>Name : </b></td>
                    <td>
                        <input type="text" name="txtname"/>
                    </td>
                </tr>
                <tr>
                    <td><b>Surname :</b></td>
                    <td>
                        <input type="text" name="txtsurname"/>
                    </td>
                </tr>
                <tr>
                    <td><b>Address :</b></td>
                    <td>
                        <textarea rows="3" cols="20" name="txtaddress"></textarea>
                    </td>
                </tr>
                <tr>
                    <td><b>City :</b></td>
                    <td>
                        <select name="city" >
                            <option value="Surat">Surat</option>
                            <option value="Ahmedabad">Ahmedabad</option>
                            <option value="Vadodara">Vadodara</option>
                            <option value="Rajkot">Rajkot</option>
                        </select>
                    </td>
                </tr>
            </table>
        </div>
    </form>

```

```
<td><b>Email :</b></td>
<td>
  <input type="text" name="txtemail"/>
</td>
</tr>
<tr>
<td><b>Hobbies :</b></td>
<td>
  <input type="checkbox" name="hobbies"
value="Gaming">Gaming</input>
  <input type="checkbox" name="hobbies"
value="Reading">Reading</input>
  <input type="checkbox" name="hobbies"
value="Cricket">Cricket</input>
</td>
</tr>
<tr>
<td><b>Gender :</b></td>
<td>
  <input type="radio" name="gender" value="Male">Male</input>
  <input type="radio" name="gender" value="Female">Female</input>
  <input type="radio" name="gender" value="Other">Other</input>
</td>
</tr>
<tr>
<td><b>Pin Code :</b></td>
<td>
  <input type="number" name="txtpincode"/>
</td>
</tr>
<tr>
<td><b>Phone No :</b></td>
<td>
  <input type="tel" name="txtph_no"/>
</td>
</tr>
</table>
<br />
<input type="submit" name="btnsubmit" value="SUBMIT" class="submitbtn"
/>
<br />
</div>
</body>
</html>
```

3.3(2) file code: -

```
<?php
$name=$_POST['txtname'];
$surname=$_POST['txtsurname'];
```

```
$address=$_POST['txtaddress'];
$city=$_POST['city'];
$email=$_POST['txtemail'];
$gender=$_POST['gender'];
$hobbies=$_POST['hobbies'];
$pincode=$_POST['txtpincode'];
$phone_no=$_POST['txtp_h_no'];
?>
<head>
<style>
*{
    background-color:lightskyblue;
    font-family: Verdana, Geneva, Tahoma, sans-serif;
    font-weight: 520;
    font-size: 20px;

}
</style>
</head>
<table>
<tr>
    <td>Name</td>
    <td>:</td>
    <td><?php echo "$name $surname"?></td>
</tr>
<tr>
    <td>Address</td>
    <td>:</td>
    <td><?php echo "$address"?></td>
</tr>
<tr>
    <td>City</td>
    <td>:</td>
    <td><?php echo "$city"?></td>
</tr>
<tr>
    <td>Pincode</td>
    <td>:</td>
    <td><?php echo "$pincode"?></td>
</tr>
<tr>
    <td>Email</td>
    <td>:</td>
    <td><?php echo "$email"?></td>
</tr>
<tr>
    <td>Gender</td>
    <td>:</td>
    <td><?php echo "$gender"?></td>
```

```

</tr>
<tr>
  <td>Hobbies</td>
  <td>:</td>
  <td><?php echo "$hobbies"?></td>
</tr>
<tr>
  <td>Phone No</td>
  <td>:</td>
  <td><?php echo "$phone_no"?></td>
</tr>
</table>

```

3.4 file code: -

```

<?php
if(isset($_POST['operator']))
{
    $FirstNumber = $_POST['FirstNumber'];
    $SecondNumber = $_POST['SecondNumber'];
    $operator = $_POST['operator'];
    $CalculatorResult = "";
    if (is_numeric($FirstNumber) && is_numeric($SecondNumber)) {
        switch ($operator) {
            case "Sum":
                $CalculatorResult = $FirstNumber + $SecondNumber;
                break;
            case "Subtraction":
                $CalculatorResult = $FirstNumber - $SecondNumber;
                break;
            case "Multiplication":
                $CalculatorResult = $FirstNumber * $SecondNumber;
                break;
            case "Division":
                $CalculatorResult = $FirstNumber / $SecondNumber;
                break;
            case "Modulo":
                $CalculatorResult = $FirstNumber % $SecondNumber;
                break;
            case "Reset":
                $FirstNumber="";
                $SecondNumber="";
                $CalculatorResult="";
                break;
        }
    }
}

?>
<!DOCTYPE html>

```

```
<head>
<title>Practical 3.4 </title>
<style>
*{
    background-color:lightskyblue;
    font-family: Verdana, Geneva, Tahoma, sans-serif;
    font-weight: 520;
    font-size: 20px;
}
</style>
</head>
<body>
<div>
<h1 align = 'Center'> Calculator </h1>
<form action="<?php $_PHP_SELF; ?>" method="post">
<p>
<b>First Number</b>
<input type="number" name="FirstNumber" id="FirstNumber" required="required"
value="<?php echo $FirstNumber; ?>" />
</p>
<p>
<b>Second Number</b>
<input type="number" name="SecondNumber" id="SecondNumber"
required="required" value="<?php echo $SecondNumber; ?>" />
</p>
<p>
<b>Calculator Result</b>
<input readonly="readonly" name="CalculatorResult" value="<?php echo
$CalculatorResult; ?>">
</p>
<input type="submit" name="operator" value="Sum" />
<input type="submit" name="operator" value="Subtraction" />
<input type="submit" name="operator" value="Multiplication" />
<input type="submit" name="operator" value="Division" />
<input type="submit" name="operator" value="Modulo" />
<input type="submit" name="operator" value="Reset" />
</form>
</div>
</body>
</html>
```

Output: -

3.3(1)

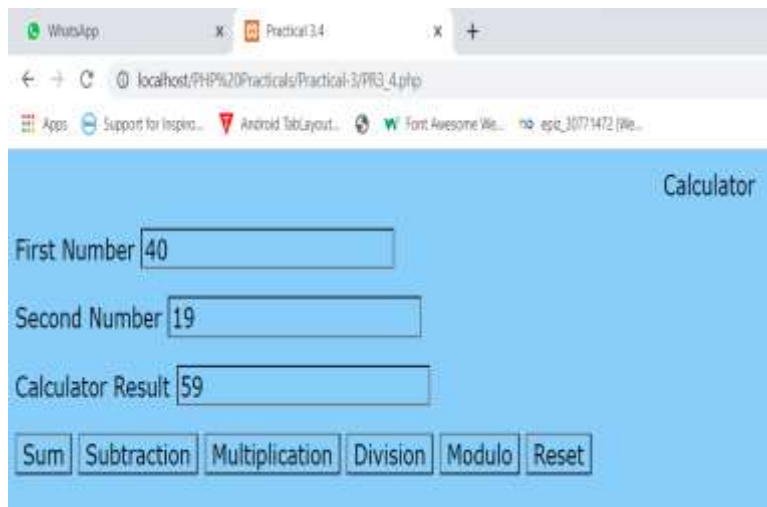
A screenshot of a web browser displaying a form titled "Enter Details for Resume (POST Method)". The form is set against a light blue background. It contains several input fields: "Name" (filled with "Abhishek Anjaneyulu"), "Surname" (filled with "Nalla"), "Address" (filled with "Saidham Soc"), "City" (a dropdown menu showing "Surat"), "Email" (filled with "nalla@gmail.com"), "Hobbies" (checkboxes for "Gaming" (checked), "Reading", and "Cricket"), "Gender" (radio buttons for "Male" (selected), "Female", and "Other"), "Pin Code" (filled with "395010"), and "Phone No" (filled with "9054849782"). A "SUBMIT" button is located at the bottom of the form.

3.3(2)

A screenshot of a web browser displaying the submitted resume details. The page has a light blue background and lists the following information: "Name : Abhishek Anjaneyulu Nalla", "Address : Saidham Soc", "City : Surat", "Pincode : 395010", "Email : nalla@gmail.com", "Gender : Male", "Hobbies : Gaming", and "Phone No : 9054849782".

3.4

A screenshot of a web browser displaying a calculator application. The page has a light blue background and is titled "Calculator" in the top right corner. It features three input fields: "First Number", "Second Number", and "Calculator Result". Below these fields are six buttons: "Sum", "Subtraction", "Multiplication", "Division", "Modulo", and "Reset".

3.4(sum)

WhatsApp Practical 3.4

localhost/PHP%20Practicals/Practical-3/PR3_4.php

Apps Support for Inspiro... Android TabLayout... Font Awesome We... epiz_30771472 (We...

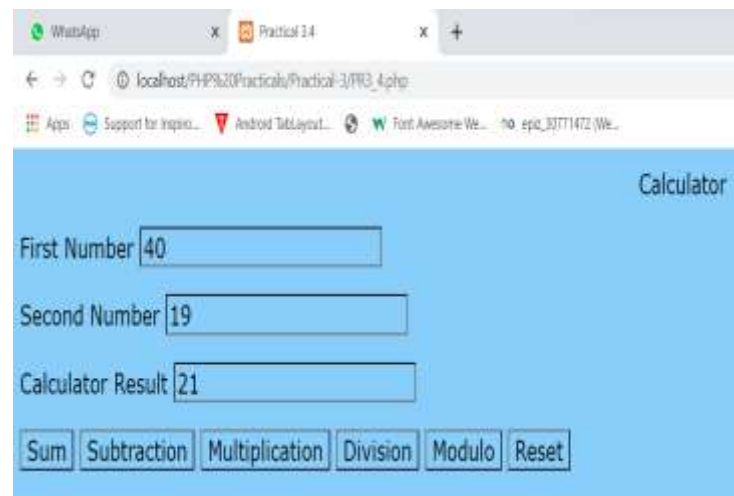
Calculator

First Number 40

Second Number 19

Calculator Result 59

Sum Subtraction Multiplication Division Modulo Reset

3.4(Sub)

WhatsApp Practical 3.4

localhost/PHP%20Practicals/Practical-3/PR3_4.php

Apps Support for Inspiro... Android TabLayout... Font Awesome We... epiz_30771472 (We...

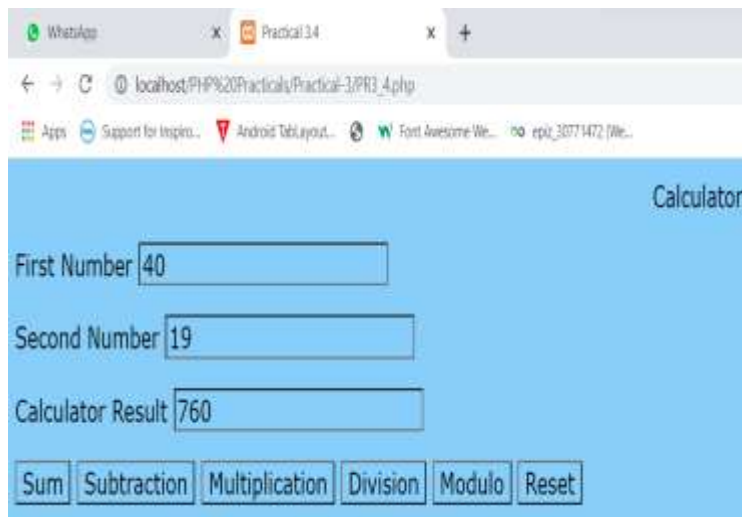
Calculator

First Number 40

Second Number 19

Calculator Result 21

Sum Subtraction Multiplication Division Modulo Reset

3.4(Multiplication)

WhatsApp Practical 3.4

localhost/PHP%20Practicals/Practical-3/PR3_4.php

Apps Support for Inspiro... Android TabLayout... Font Awesome We... epiz_30771472 (We...

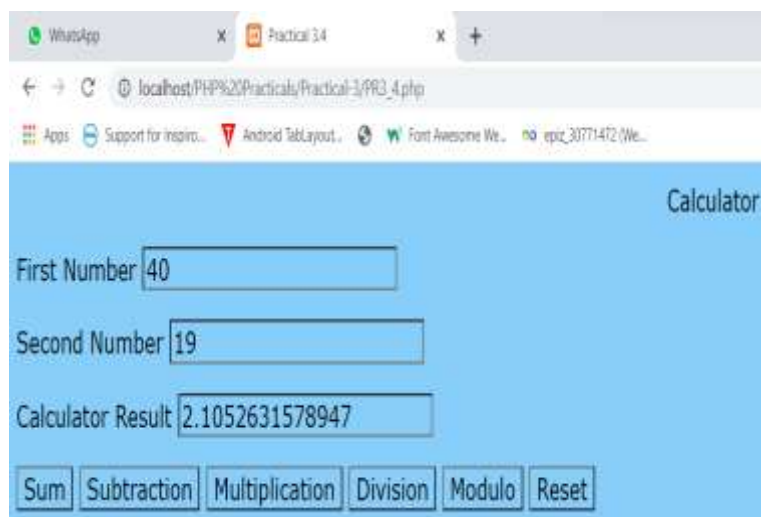
Calculator

First Number 40

Second Number 19

Calculator Result 760

Sum Subtraction Multiplication Division Modulo Reset

3.4(Division)

WhatsApp Practical 3.4

localhost/PHP%20Practicals/Practical-3/PR3_4.php

Apps Support for Inspiro... Android TabLayout... Font Awesome We... epiz_30771472 (We...

Calculator

First Number 40

Second Number 19

Calculator Result 2.1052631578947

Sum Subtraction Multiplication Division Modulo Reset

3.4(Modulo)

WhatsApp Practical 3.4

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Calculator

First Number 40

Second Number 19

Calculator Result 2

Sum Subtraction Multiplication Division Modulo Reset

Questions:

1. List advantages of POST method.

2. List out super global variable available for capturing data in PHP.

Aim:

- 3.5** Write a PHP script to demonstrate handling of multi valued fields.
- 3.6** Write a PHP script to upload a file which displays extension of a file and size of file.
- 3.7** Write a PHP script to Design Student Registration Form for admission into diploma course using self processing web form with following fields seat no., father and mother name, student_name, dob, gender, category, science, maths, english, user_id, password, Con. password, address.

Software Required: Notepad, WordPad, Notepad++, Dreamweaver

Pre-requisite: Basic knowledge of editor

Theory/Logic:**❖ Dealing with Multi - Value Fields:**

- ☐ To handle multiple values for single field, add square brackets ([]) after the field name in your HTML form.
- ☐ When the PHP engine sees a submitted form field name with square brackets at the end, it creates a nested array of values within the \$_GET or \$_POST (and \$_REQUEST) super global array, rather than a single value.

❖ Using \$_SERVER ['PHP_SELF']:

- ☐ The \$_SERVER["PHP_SELF"] is a super global variable that returns the filename of the currently executing script.
- ☐ You can use this variable in the action field of the FORM.
- ☐ It sends the submitted form data to the page itself, instead of jumping to a different page.
- ☐ This way, the user will get error messages on the same page as the form.
- ☐ Using PHP_SELF variable you can write more generic code which can be used on any page and you do not need to edit the action field.
- ☐ A common use of PHP_SELF variable is in the action field of the <form> tag.
- ☐ The action field of the FORM instructs where to submit the form data when the user presses the "submit" button.
- ☐ It is common to have the same PHP page as the handler for the form as well.
- ☐ Syntax:-

<form action= "<? php echo \$_SERVER['PHP_SELF'];?>" METHOD="POST">

Program/Solution:**3.5 file code:**

```
<html>
<head>
<style>
*{
```

```
        background-color:lightskyblue;
        font-family: Verdana, Geneva, Tahoma, sans-serif;
        font-weight: 520;
        font-size: 20px;
    }
</style>
</head>
<body>
    <form action="#" method="get">
        <label>Hobbies: -</label><br>
        <input type="checkbox" name="check_list[]" value="Cricket" />
        <label>Cricket</label><br>
        <input type="checkbox" name="check_list[]" value="Travelling" />
        <label>Travelling</label><br>
        <input type="checkbox" name="check_list[]" value="Riding" />
        <label>Riding</label><br>
        <input type="checkbox" name="check_list[]" value="Reading" />
        <label>Reading</label><br>
        <input type="submit" name="btn_submit" value="SUBMIT" />
    </form>
</body>
</html>
<?php
    if(isset($_GET['btn_submit']))
    {
        if(!empty($_GET['check_list']))
        {
            echo "Selected Items are:<br>";
            foreach($_GET['check_list'] as $selected)
            {
                echo $selected."<br>";
            }
        }
    }
?>
```

3.6 file code: -

```
<!DOCTYPE html>
<html>
    <head>
    <style>
        *{
            background-color:lightskyblue;
            font-family: Verdana, Geneva, Tahoma, sans-serif;
```

```
        font-weight: 520;
        font-size: 20px;
    }
</style>
</head>
<body>
    <form action="upload.php" method="post" enctype="multipart/form-data">
        Select image to upload:<br><br>
        <input type="file" name="fileToUpload" id="fileToUpload"><br>
        <input type="submit" value="Upload Image" name="submit">
    </form>
</body>
</html>
```

Upload.php file code: -

```
<?php
$target_dir = "uploads/";
$target_file = $target_dir . basename($_FILES["fileToUpload"]["name"]);
$uploadOk = 1;
$imageFileType = strtolower(pathinfo($target_file,PATHINFO_EXTENSION));

if(isset($_POST["submit"])) {
    $check = getimagesize($_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;
    }
}

if (file_exists($target_file)) {
    echo "Sorry, file already exists.";
    $uploadOk = 0;
}

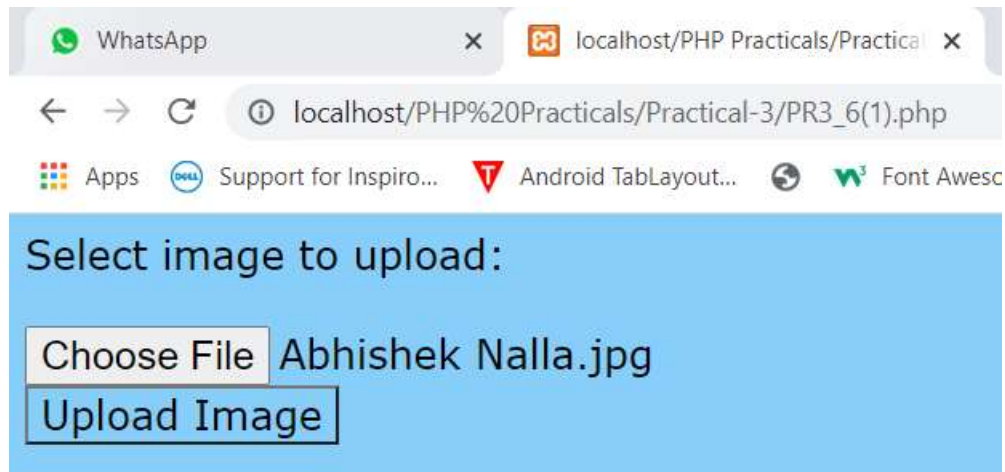
if ($_FILES["fileToUpload"]["size"] > 500000) {
    echo "Sorry, your file is too large.";
    $uploadOk = 0;
}
else
    echo "<br>Size of file : " . $_FILES["fileToUpload"]["size"];
```

```
echo "<br>Extension of file :". $imageFileType;
?>
```

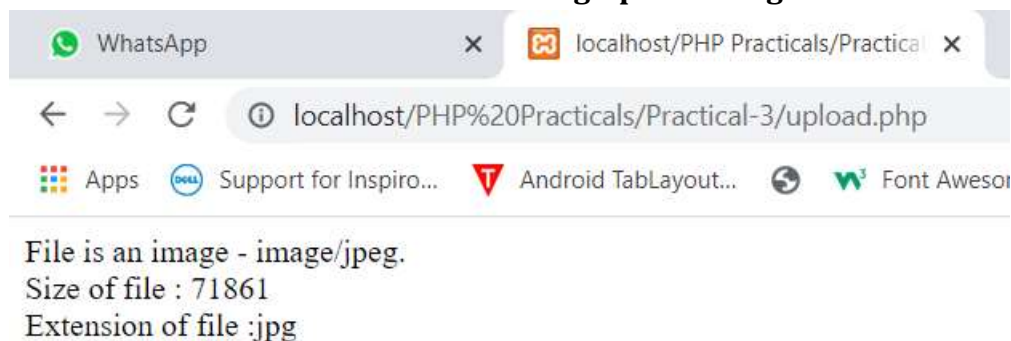
3.7 file code: -

```
<html>
  <head>
    <title>Student Registration</title>
  <style>
    *{
      background-color:lightskyblue;
      font-family: Verdana, Geneva, Tahoma, sans-serif;
      font-weight: 520;
      font-size: 20px;
    }
  </style>
</head>
<body>
  <form action="<?php $_PHP_SELF; ?>" method="post">
    Name:
    <input type="text" name="s_name"/>
    Seat No:
    <input type="text" name="seat_no"/><br><br>
    Father Name:
    <input type="text" name="s_father_name"/>
    Mother Name:
    <input type="text" name="s_mother_name"/><br><br>
    DOB:
    <input type="date" name="dob"/>
    Address:
    <Textarea rows="5" cols="30" name="add"></Textarea><br><br>
    Gender:
    <input type="radio" name="gender" value="Male">Male</input>
    <input type="radio" name="gender" value="Female">Female</input>
    <input type="radio" name="gender" value="Other">Other</input>
    Category:
    <select name="category">
      <option>ST</option>
      <option>SC</option>
      <option>SEBC</option>
      <option>General</option>
    </select><br><br>
    Science:
    <input type="text" name="science"/>
```


3.6



After clicking Upload Image



3.7

A screenshot of a web browser window showing a student registration form. The form is titled 'Student Registration' and is located at 'localhost/PHP%20Practicals/Practical-3/PR3_7.php'. The form fields are as follows: Name: Nalla Abhishek, Seat No: 6040, Father Name: Anjaneyulu Nalla, Mother Name: Bhagyalaxmi Nalla, Saidham Soc (Address), DOB: 30-09-2003, Gender: Male (selected), Other Category: SEBC (selected), Science: 89, Maths: 90, English: 92, User_ID: 1, Password: ****, Confirm Password: ****, and a Submit button.

After clicking Submit button

Name of Student : Nalla Abhishek	User ID : 1
Seat No : 6040	
Father Name : Anjaneyulu Nalla	Mother Name : Bhagyalaxmi Nalla
DOB : 2003-09-30	
Address : Saidham Soc	
Gender : Male	Category : SEBC
Marks: -	
Science : 89 Maths : 90 English : 92	
Total Marks : 271	

Questions:

1. Write brief use and example of \$_PHP_SELF.

2. Compare check box and radio button.

Aim:

3.8 Write a PHP script to redirect user to different page with header function.

3.9 Write a PHP script to explain concept of \$_REQUEST.

Software Required: Notepad, WordPad, Notepad++, Dreamweaver

Pre-requisite: Basic knowledge of editor

Theory/Logic:**❖ Header(location):-**

- ❖ The header () function sends a raw HTTP header to a client.
- ❖ It should be at the very top of the page to prevent any other part of the page from loading.
- ❖ It is important to notice that header() must be called before any actual output is sent.
- ❖ This is because the moment you send content to the browser, the PHP engine automatically sends the default HTTP headers — which won't include your Location: header — and you can send headers only once per request.
- ❖ Target specified by location as an argument and after calling this function exit() function is used to halt parsing of rest of the code.
- ❖ Syntax:-
 - ❖ **header(string,replace,http_response_code)**

❖ Using \$_Request method:

- ❖ \$_REQUEST is a super global variable which is widely used to collect data after submittinghtml forms.
- ❖ \$_REQUEST method is used to retrieve value from URL as well as FORM collection.
- ❖ It is used to get the result from form data sent with both the GET and the POST methods.
- ❖ PHP provides the super global variable \$_REQUEST that contains the contents of both the \$_GET and \$_POST variables as well as the values of the \$_COOKIE variable.
- ❖ Syntax:
- ❖ **\$_REQUEST['variable']**

Program/Solution:**3.8 file code: -**

```
<html>
<head>
  <title>Student Registration</title>
  <style>
    *{
      background-color:lightskyblue;
      font-family: Verdana, Geneva, Tahoma, sans-serif;
      font-weight: 520;
      font-size: 20px;
    }
  </style>
</head>
<body>
```

```

    </style>
  </head>
  <body>
    <form action="<?php $_PHP_SELF; ?>" method="post">
    <br><br><br><br><br><br><center>Click here for Admission Form for
Diploma<br><br>
      <input type="submit" name="btn_submit" value="Click Here"/></center>
    </form>
  </body>
</html>
<?php
  if(isset($_POST['btn_submit']))
  {
    header("location:PR3_7.php");
  }
?>

```

3.9 file code: -

```

<!DOCTYPE html>

<html>
<head runat="server">
  <title></title>
  <style>
    table {
      align-items: center;
      margin-left: 40px;
    }
    .submitbtn {
      align-content: center;
      cursor: pointer;
      font-weight: bold;
      margin-left: 150px;
    }
    *{
      background-color:lightskyblue;
      font-family: Verdana, Geneva, Tahoma, sans-serif;
      font-weight: 520;
    }
  </style>
</head>
<body>
  <form action="PR3_9(2).php" method="post">
    <div>
      <br />
      <center><Label><h1>Enter Details for Resume(REQUEST
Method)</h1></Label></center>
      <br />

```

```
<br />
<table border="0">
  <tr>
    <td><b>Name : </b></td>
    <td>
      <input type="text" name="txtname"/>
    </td>
  </tr>
  <tr>
    <td><b>Surname :</b></td>
    <td>
      <input type="text" name="txtsurname"/>
    </td>
  </tr>
  <tr>
    <td><b>Address :</b></td>
    <td>
      <textarea rows="3" cols="20" name="txtaddress"></textarea>
    </td>
  </tr>
  <tr>
    <td><b>City :</b></td>
    <td>
      <select name="city" >
        <option value="Surat">Surat</option>
        <option value="Ahmedabad">Ahmedabad</option>
        <option value="Vadodara">Vadodara</option>
        <option value="Rajkot">Rajkot</option>
      </select>
    </td>
  </tr>
  <tr>
    <td><b>Email :</b></td>
    <td>
      <input type="text" name="txtemail"/>
    </td>
  </tr>
  <tr>
    <td><b>Hobbies :</b></td>
    <td>
      <input type="checkbox" name="hobbies"
value="Gaming">Gaming</input>
      <input type="checkbox" name="hobbies"
value="Reading">Reading</input>
      <input type="checkbox" name="hobbies"
value="Cricket">Cricket</input>
    </td>
  </tr>
</tr>
```

```

        <td><b>Gender :</b></td>
        <td>
            <input type="radio" name="gender" value="Male">Male</input>
            <input type="radio" name="gender" value="Female">Female</input>
            <input type="radio" name="gender" value="Other">Other</input>
        </td>
    </tr>
    <tr>
        <td><b>Pin Code :</b></td>
        <td>
            <input type="number" name="txtpincode"/>
        </td>
    </tr>
    <tr>
        <td><b>Phone No :</b></td>
        <td>
            <input type="tel" name="txtph_no"/>
        </td>
    </tr>
</table>
<br />
<input type="submit" name="btnsubmit" value="SUBMIT" class="submitbtn"
/>
    <br />
</div>
</body>
</html>

```

3.9(2) file code: -

```

<!DOCTYPE html>

<html>
<head runat="server">
    <title></title>
    <style>
        table {
            align-items: center;
            margin-left: 40px;
        }
        .submitbtn {
            align-content: center;
            cursor: pointer;
            font-weight: bold;
            margin-left: 150px;
        }
        *{
            background-color:lightskyblue;
            font-family: Verdana, Geneva, Tahoma, sans-serif;
            font-weight: 520;

```

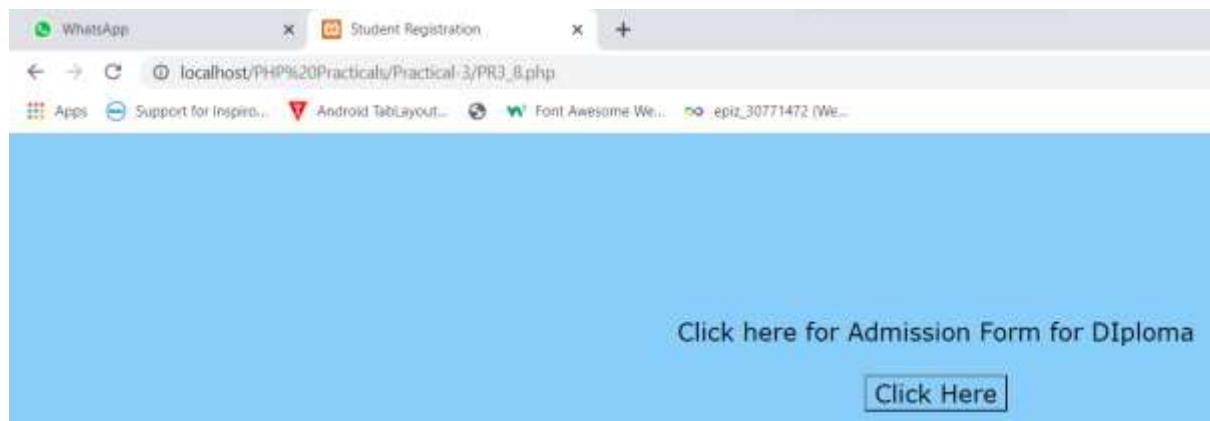
```
    }
  </style>
</head>
<body>
  <form action="PR3_9(2).php" method="post">
    <div>
      <br />
      <center><Label><h1>Enter Details for Resume(REQUEST
Method)</h1></Label></center>
      <br />
      <br />
      <table border="0">
        <tr>
          <td><b>Name : </b></td>
          <td>
            <input type="text" name="txtname"/>
          </td>
        </tr>
        <tr>
          <td><b>Surname :</b></td>
          <td>
            <input type="text" name="txtsurname"/>
          </td>
        </tr>
        <tr>
          <td><b>Address :</b></td>
          <td>
            <textarea rows="3" cols="20" name="txtaddress"></textarea>
          </td>
        </tr>
        <tr>
          <td><b>City :</b></td>
          <td>
            <select name="city" >
              <option value="Surat">Surat</option>
              <option value="Ahmedabad">Ahmedabad</option>
              <option value="Vadodara">Vadodara</option>
              <option value="Rajkot">Rajkot</option>
            </select>
          </td>
        </tr>
        <tr>
          <td><b>Email :</b></td>
          <td>
            <input type="text" name="txtemail"/>
          </td>
        </tr>
      </table>
    </div>
  </form>
</body>
</html>
```



```
<td><b>Hobbies :</b></td>
<td>
  <input type="checkbox" name="hobbies"
value="Gaming">Gaming</input>
  <input type="checkbox" name="hobbies"
value="Reading">Reading</input>
  <input type="checkbox" name="hobbies"
value="Cricket">Cricket</input>
</td>
</tr>
<tr>
<td><b>Gender :</b></td>
<td>
  <input type="radio" name="gender" value="Male">Male</input>
  <input type="radio" name="gender" value="Female">Female</input>
  <input type="radio" name="gender" value="Other">Other</input>
</td>
</tr>
<tr>
<td><b>Pin Code :</b></td>
<td>
  <input type="number" name="txtpincode"/>
</td>
</tr>
<tr>
<td><b>Phone No :</b></td>
<td>
  <input type="tel" name="txtph_no"/>
</td>
</tr>
</table>
<br />
<input type="submit" name="btnsubmit" value="SUBMIT" class="submitbtn"
/>
<br />
</div>
</body>
</html>
```

Output:

3,8

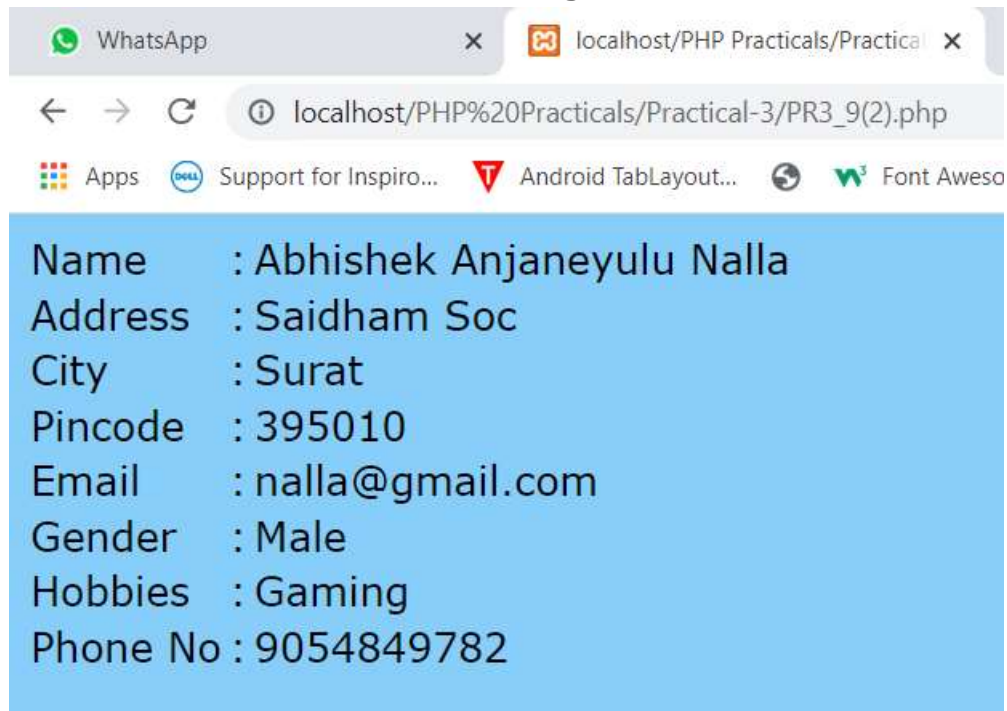


After clicking Click Here button

A screenshot of a web browser window showing a registration form. The address bar shows 'localhost/PHP%20Practicals/Practical-3/PR3_7.php'. The form fields include: Name, Seat No, Father Name, Mother Name, DOB (with a date picker), Address, Gender (radio buttons for Male, Female, Other), Category (dropdown menu with 'ST' selected), Science, Maths, English, User_ID, Password, and Confirm Password. A 'Submit' button is at the bottom.

3.9

A screenshot of a web browser window showing a 'Resume' form. The title is 'Enter Details for Resume(REQUEST Method)'. The form fields are pre-filled with the following data: Name: Abhishek Anjaneeyulu, Surname: Nalla, Address: Saldhara Soc, City: Surat, Email: nalla@gmail.com, Hobbies: Gaming (checked), Reading, Cricket, Gender: Male (selected), Pin Code: 395010, Phone No: 9054849782. A 'SUBMIT' button is at the bottom.

After clicking SUBMIT button

The screenshot shows a web browser window with two tabs: 'WhatsApp' and 'localhost/PHP Practicals/Practical-3/PR3_9(2).php'. The address bar shows the URL 'localhost/PHP%20Practicals/Practical-3/PR3_9(2).php'. Below the browser window, a light blue box displays the submitted form data:

Name : Abhishek Anjaneyulu Nalla
Address : Saidham Soc
City : Surat
Pincode : 395010
Email : nalla@gmail.com
Gender : Male
Hobbies : Gaming
Phone No : 9054849782

Questions:

1. Write use and example of \$_REQUEST.
