

Practical – 01

Aim: Write a PHP script to display Welcome message.

Ans:

➤ P01.php

```
<?php
    echo "Welcome to PHP..." ;
    echo "</br></br></br><h3 align='right'>...Manas Ajwalia...</h3>" ;
?>
```

➤ Output



Practical – 02

Aim: Write a PHP script to demonstrate arithmetic operators, comparison operator, and logical operator.

Ans:

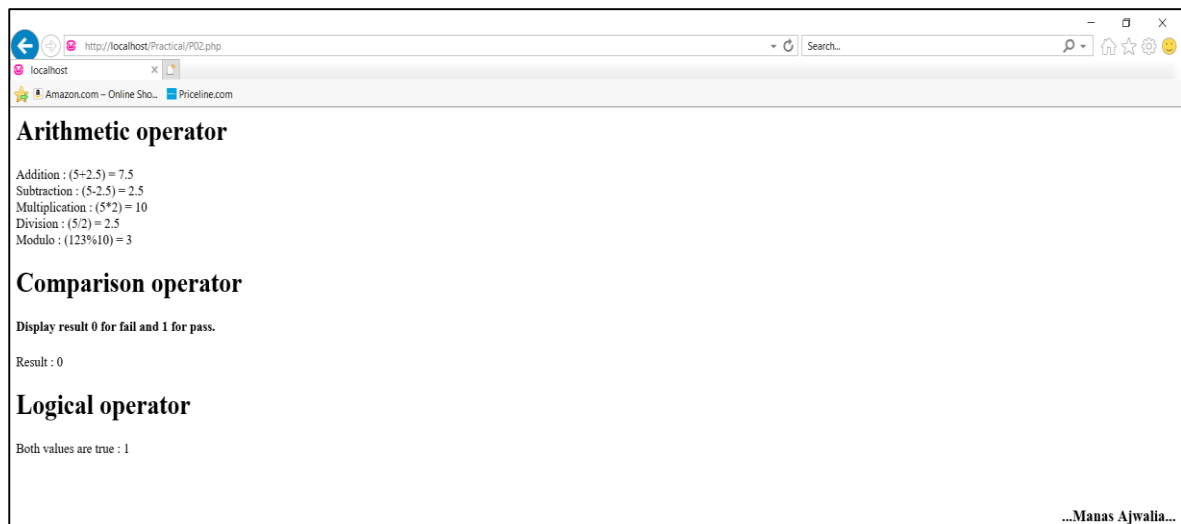
➤ P02.php

```
<?php
    echo "<h1>Arithmetic operator</h1>" ;
    echo "Addition : (5+2.5) = " . (5+2.5) ;
    echo "<br/>Subtraction : (5-2.5) = " . (5-2.5) ;
    echo "<br/>Multiplication : (5*2) = " . (5*2) ;
    echo "<br/>Division : (5/2) = " . (5/2) ;
    echo "<br/>Modulo : (123%10) = " . (123%10) ;

    echo "<h1>Comparison operator</h1>" ;
    echo "<h4>Display result 0 for fail and 1 for pass.</h4>" ;
    $marks = 30 ;
    echo "Result : " . (int)($marks > 35) ;

    echo "<h1>Logical operator</h1>" ;
    echo "Both values are true : " . (1 && 5) ;
    echo "<br><br><br><h3 align='right'>...Manas Ajwalia...</h3>" ;
?>
```

➤ Output



Practical – 03

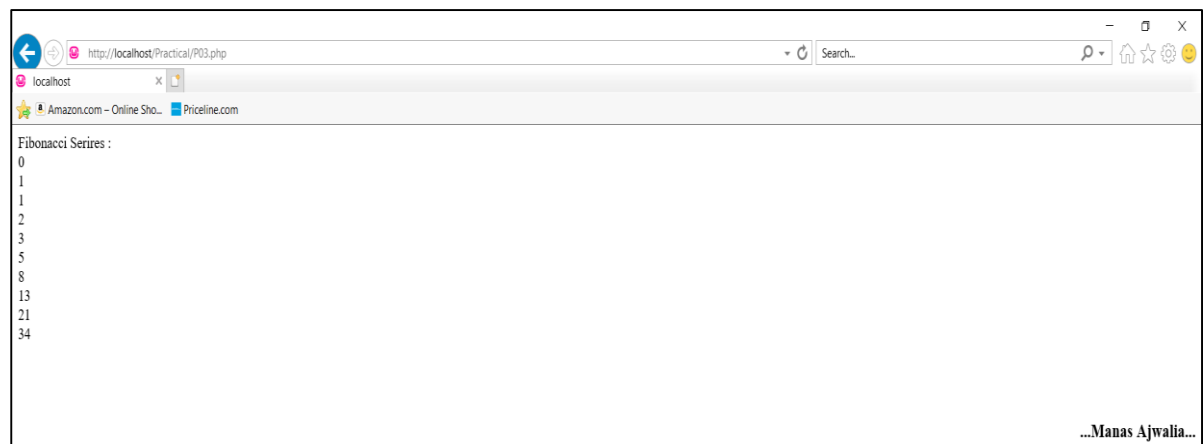
Aim: Write PHP Script to print Fibonacci series.

Ans:

➤ P03.php

```
<?php
    $n1 = 0 ;
    $n2 = 1 ;
    echo "Fibonacci Serires : <br/>" ;
    echo $n1 . "<br/>" ;
    echo $n2 . "<br/>" ;
    for($i = 0 ; $i < 50 ; $i++)
    {
        $sum = $n1 + $n2 ;
        $n1 = $n2 ;
        $n2 = $sum ;
        if($sum > 50)
            break ;
        echo $sum . "<br/>" ;
    }
    echo "</br></br></br><h3 align='right'>...Manas Ajwalia...</h3>" ;
?>
```

➤ Output



Practical – 04

Aim: Write PHP Script to generate result and display grade.

Ans:

➤ P04.php

```
<?php
    $sub1 = 45 ;
    $sub2 = 70 ;
    $sub3 = 99 ;
    $marks = ($sub1 + $sub2 + $sub3) ;
    $per = ($marks / 3) ;
    echo "<h3>Result</h3>" ;
    echo "Subject 1 : " . $sub1 . "<br/>" ;
    echo "Subject 2 : " . $sub2 . "<br/>" ;
    echo "Subject 3 : " . $sub3 . "<br/>" ;
    echo "Total : " . $marks . "<br/>" ;
    echo "Percentage : " . $per . "<br/>" ;
    if ($per >= 80.00 && $per <= 100.00)
    {
        echo "Congratulations you got AA grade." . "<br/>" ;
    }
    elseif ($per >= 70.00 && $per < 80.00)
    {
        echo "You got AB grade." . "<br/>" ;
    }
    elseif ($per >= 60.00 && $per < 70.00)
    {
        echo "You got BB grade." . "<br/>" ;
    }
    else
    {
        echo "Sorry ! You are fail. :(" . "<br/>" ;
    }
    echo "</br></br></br><h3 align='right'>...Manas Ajwalia...</h3>" ;
?>
```

➤ Output



Practical – 05

Aim: Write PHP Script to find maximum number out of three given numbers.

Ans:

➤ P05.php

```
<?php
    $n1 = 10 ;
    $n2 = 5 ;
    $n3 = 7 ;
    ($n1 > $n2) ? $max = $n1 : $max = $n2 ;
    ($max > $n3) ? $maximum = $max : $maximum = $n3 ;
    echo "Maximum out of 10, 5 and 7 is => " . $maximum ;
    echo "</br></br></br><h3 align='right'>...Manas Ajwalia...</h3>" ;
?>
```

➤ Output



Practical – 06

Aim: Write PHP Script for addition of two 2x2 matrices.

Ans:

➤ P06.php

```
<?php
$mat1 = array(0 => array(1, 2), 1 => array(3, 4)) ;
$mat2 = array(0 => array(5, 6), 1 => array(7, 8)) ;
$sum ;

for($i = 0 ; $i < 2 ; $i++)
{
    for($j = 0 ; $j < 2 ; $j++)
    {
        $sum[$i][$j] = $mat1[$i][$j] + $mat2[$i][$j] ;
    }
}
echo "Addition of 2 x 2 matrices are : <br/>" ;
for($i = 0 ; $i < 2 ; $i++)
{
    for($j = 0 ; $j < 2 ; $j++)
    {
        echo $sum[$i][$j] . " " ;
    }
    echo "<br/>" ;
}
echo "</br></br></br><h3 align='right'>...Manas Ajwalia...</h3>" ;
?>
```

➤ Output



Practical – 07

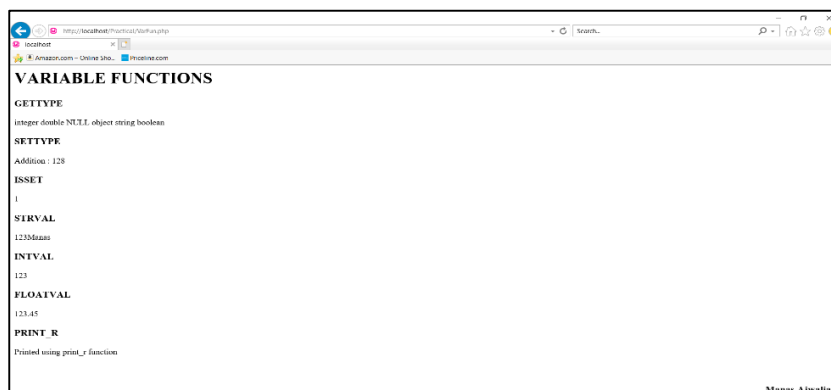
Aim: Write PHP script to demonstrate Variable function.

Ans:

➤ VarFun.php

```
<?php
    echo "<h1>VARIABLE FUNCTIONS</h1>" ;
    //GETTYPE
    echo "<h3>GETTYPE</h3>" ;
    $data = array(1, 1.0, NULL, new stdClass, 'foo', true) ;
    foreach($data as $i)
    {
        echo gettype($i) . " " ;
    }
    //SETTYPE
    echo "<h3>SETTYPE</h3>" ;
    $str = "123" ;
    settype($str, "integer") ;
    echo "Addition : " . ($str+5) ;
    //ISSET
    echo "<h3>ISSET</h3>" ;
    echo isset($str) ;
    //UNSET
    $tmp = 123 ;
    unset($tmp) ;
    //STRVAL
    echo "<h3>STRVAL</h3>" ;
    $tmp = "123Manas" ;
    echo strval($tmp) ;
    //INTVAL
    echo "<h3>INTVAL</h3>" ;
    echo intval($tmp) ;
    //FLOATVAL
    echo "<h3>FLOATVAL</h3>" ;
    echo floatval("123.45manas") ;
    //PRINT_R
    echo "<h3>PRINT_R</h3>" ;
    print_r("Printed using print_r function", false) ;
    echo "</br></br></br><h3 align='right'>...Manas Ajwalia...</h3>" ;
?>
```

➤ Output



Practical – 08

Aim: Write PHP script to obtain 5! Using function.

Ans:

➤ Factorial.php

```
<?php
function factorial($num = 5)
{
    $fact = 1 ;
    for($i = 1 ; $i <= $num ; $i++)
    {
        $fact = $fact * $i ;
    }
    return $fact ;
}
echo "<h1>Factorial of 5 is " . factorial() . "</h1>";
?>
```

➤ Output

Practical – 14

Aim: Create student registration form using text box, check box, radio button, select, submit button. And display user inserted value in new PHP page.

Ans:

➤ RegFrm.html

```
<html>
  <head>
    <title>Student Registration Form</title>
  </head>
  <body>
    <form action="ScriptRegFrm.php" method="post">
      <table>
        <tr>
          <td colspan="2" align="center"><h1>Student Registration
Form</h1></td>
        </tr>
        <tr>
          <td>First Name : <input type="text" name="fname"></td>
          <td>Last Name : <input type="text" name="lname"></td>
        </tr>
        <tr>
          <td align="right">Address : </td>
          <td><textarea name="adrs" rows="4"
cols="6"></textarea></td>
        </tr>
        <tr>
          <td align="right">City : </td>
          <td>
            <select name="city">
              <option>Ahmedabad</option>
              <option>Bhavnagar</option>
              <option>Rajkot</option>
              <option>Surat</option>
              <option>Vadodara</option>
            </select>
          </td>
        </tr>
        <tr>
          <td align="right">Select your interest : </td>
          <td>
            <input type="checkbox" name="intrst[]"
value="Reading">Reading
            <input type="checkbox" name="intrst[]"
value="Writing">Writing
            <input type="checkbox" name="intrst[]"
value="Coding">Coding
          </td>
        </tr>
        <tr>
          <td align="right">Gender : </td>
          <td>
            <input type="radio" name="gender" value="Male">Male
```

```

                                <input type="radio" name="gender"
value="Female">Female
                                </td>
                            </tr>
                            <tr>
                                <td align="right">Known Languages : </td>
                                <td>
                                    <select name="lang[]" multiple="true">
                                        <option selected>Gujarati</option>
                                        <option>Hindi</option>
                                        <option>English</option>
                                    </select>
                                </td>
                            </tr>
                            <tr>
                                <td colspan="2" align="center"><input type="submit"
name="submit" value="Submit"></td>
                            </tr>
                        </table>
                    </form>
                </body>
            </html>

```

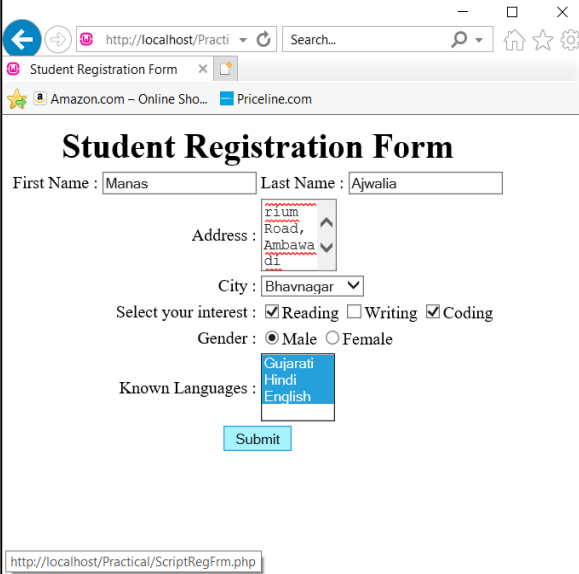
➤ ScriptRegFrm.php

```

<html>
    <head>
        <title>Registered</title>
    </head>
    <body>
        <?php
            if(isset($_REQUEST['submit']))
            {
                echo "Student name : " . $_REQUEST['fname'] . " " .
$_REQUEST['lname'] . "<br>" ;
                echo "Address : " . $_REQUEST['adrs'] . "<br>" ;
                echo "City : " . $_REQUEST['city'] . "<br>" ;
                echo "Hobbies : " ;
                foreach($_REQUEST['intrst'] as $hoby)
                {
                    echo $hoby . ", " ;
                }
                echo "<br>" ;
                echo "Gender : " . $_REQUEST['gender'] . "<br>" ;
                echo "Known Languages : " ;
                foreach($_REQUEST['lang'] as $langs)
                {
                    echo $langs . ", " ;
                }
            }
        ?>
    </body>
</html>

```

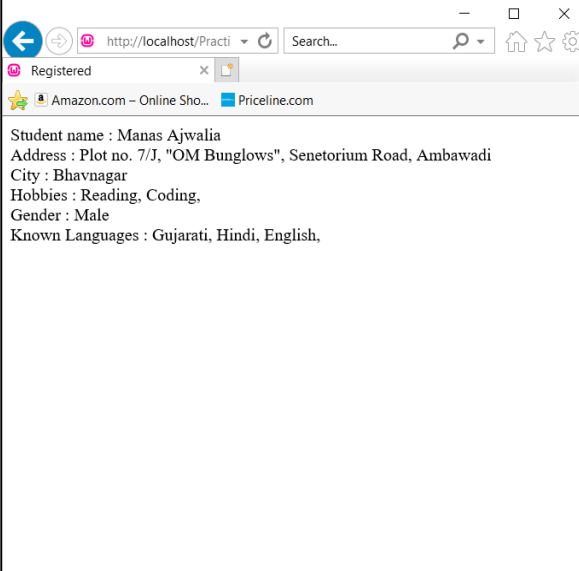
➤ Output



A screenshot of a web browser window displaying a 'Student Registration Form'. The browser's address bar shows 'http://localhost/Practi'. The form is titled 'Student Registration Form' and contains the following fields and options:

- First Name :
- Last Name :
- Address :
- City :
- Select your interest : ☒ Reading ☐ Writing ☒ Coding
- Gender : ☒ Male ☐ Female
- Known Languages :
-

The browser's status bar at the bottom shows the URL 'http://localhost/Practical/ScriptRegFrm.php'.



A screenshot of a web browser window displaying the registration details. The browser's address bar shows 'http://localhost/Practi'. The page is titled 'Registered' and contains the following information:

Student name : Manas Ajwalia
Address : Plot no. 7/J, "OM Bunglows", Senetorium Road, Ambawadi
City : Bhavnagar
Hobbies : Reading, Coding,
Gender : Male
Known Languages : Gujarati, Hindi, English,

Practical – 15

Aim: Create Website Registration Form using text box, check box, radio button, select, submit button. And display user inserted value in new PHP page.

Ans:

➤ WebRegFrm.html

```
<html>
  <head>
    <title>Website Registration Form</title>
  </head>
  <body>
    <form action="ScriptWebRegFrm.php" method="get">
      <table align="center">
        <tr>
          <td colspan="2" align="center"><h1>Website Registration
Form</h1></td>
        </tr>
        <tr>
          <td align="right">Enter name of your company : </td>
          <td><input type="text" name="cname"></td>
        </tr>
        <tr>
          <td align="right">Enter your domain name.domain type :
</td>
          <td><input type="text" name="domain"></td>
        </tr>
        <tr>
          <td>First Name : <input type="text" name="fname"></td>
          <td>Last Name : <input type="text" name="lname"></td>
        </tr>
        <tr>
          <td align="right">Address : </td>
          <td><textarea name="adrs" rows="10"
cols="20"></textarea></td>
        </tr>
        <tr>
          <td align="right">City : </td>
          <td>
            <select name="city">
              <option>Ahmedabad</option>
              <option>Bhavnagar</option>
              <option>Rajkot</option>
              <option>Surat</option>
              <option>Vadodara</option>
            </select>
          </td>
        </tr>
        <tr>
          <td align="right">Select cities served : </td>
          <td>
            <input type="checkbox" name="cities[]"
value="Bhavnagar">Bhavnagar
            <input type="checkbox" name="cities[]"
value="Ahmedabad">Ahmedabad
```

```

                                <input type="checkbox" name="cities[]"
value="Rajkot">Rajkot
                                <input type="checkbox" name="cities[]"
value="Surat">Surat
                                <input type="checkbox" name="cities[]"
value="Vadodara">Vadodara
                                </td>
                            </tr>
                            <tr>
                                <td align="right">Select type of business : </td>
                                <td>
                                    <input type="radio" name="type"
value="Retailer">Retailer
                                    <input type="radio" name="type"
value="Wholsaler">Wholesale
                                </td>
                            </tr>
                            <tr>
                                <td colspan="2" align="center"><input type="submit"
name="submit" value="Submit"></td>
                            </tr>
                        </table>
                    </form>
                </body>
            </html>

```

➤ ScriptWebRegFrm.php

```

<html>
    <head>
        <title><?php echo $_REQUEST['cname'] ; ?></title>
    </head>
    <body>
        <?php
            if(isset($_REQUEST['submit']))
            {
                echo "Name of company : " . $_REQUEST['cname'] . "<br>" ;
                echo "Website : " . $_REQUEST['domain'] . "<br>" ;
                echo "Name of key person : " . $_REQUEST['fname'] . " " .
$_REQUEST['lname'] . "<br>" ;
                echo "Address : " . $_REQUEST['adrs'] . "<br>" ;
                echo "City : " . $_REQUEST['city'] . "<br>" ;
                echo "Cities served by company : " ;
                foreach($_REQUEST['cities'] as $sel)
                {
                    echo $sel . ", " ;
                }
                echo "<br>" ;
                echo "Type of business : " . $_REQUEST['type'] ;
            }
        ?>
    </body>
</html>

```

➤ Output



The screenshot shows a web browser window with the address bar displaying `http://localhost/Practical/WebRegFrm.html`. The page title is "Website Registration Form". The form contains the following fields and options:

- Enter name of your company :
- Enter your domain name, domain type :
- First Name : Last Name :
- Address :
- City :
- Select cities served : ☒ Bhavnagar ☒ Ahmedabad ☒ Rajkot ☐ Surat ☒ Vadodara
- Select type of business : ☐ Retailer ☒ Wholesale
-



The screenshot shows a web browser window with the address bar displaying `http://localhost/Practical/ScriptWebRegFrm.php?cname=D.P.Agency&domain=d`. The page title is "D.P.Agency". The browser's address bar shows the URL, and the page content displays the registration details:

Name of company : D.P.Agency
Website : dpagency.com
Name of key person : Manas Ajwalia
Address : DiwanpR Road
City : Bhavnagar
Cities served by company : Bhavnagar, Ahmedabad, Rajkot, Vadodara,
Type of business : Wholsaler