Practical No 1

Write a program to print "Welcome tp PHP".

```
<!DOCTYPE html>
<html>
<body>
<?php
echo"Welcome to PHP";
?>
</body>
</html>
```

← → C ⓘ localhost/SUCHITA/
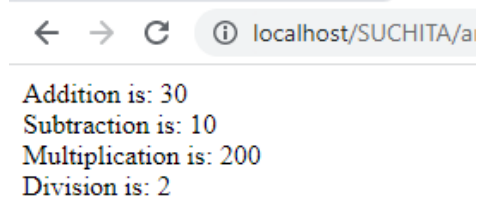
Welcome to PHP
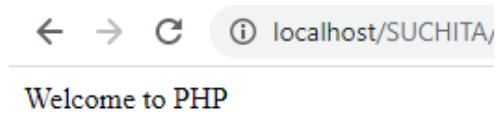
Write a simple PHP program using expressions and operators.
Arithmetic Expression:-

```
<!DOCTYPE html>
<html>
<body>
<?php
$x=20;
$y=10;
$add=$x+$y;
$sub=$x-$y;
$mul=$x*$y;
$div=$x/$y;
echo"Addition is: $add";
echo"<br>Subtraction is: $sub";
echo"<br>Multiplication is: $mul";
echo"<br>Division is: $div";
?>
</body>
</html>
```

← → C ⓘ localhost/SUCHITA/a

Addition is: 30
Subtraction is: 10
Multiplication is: 200
Division is: 2

Logical Operator:-

```
<!DOCTYPE html>
<html>
<body>
<?php
$x=10;
$y=20;
$z=30;
if($x>$y and $x>$z)
{
        echo"X is Greater than Y and Z";
}
```

```php
elseif($y>$x and $y>$z)
{
        echo"Y is Greater than X and Z";
}
else
{
        echo"Z is Greater than X and Y";
}
?>
</body>
</html>
```

← → C ⓘ localhost/SUCHITA/

Z is Greater than X and Y

Practical No 2

Write a PHP program to demonstrate the use of Decision making control structures using-

1. If-statement :-
```php
<!DOCTYPE html>
<html>
<body>
<?php
$x=10;
if($x>0)
{
        echo"$x is the Positive Number";
}
?>
</body>
</html>
```

← → C ⓘ localhost/SUCHITA/i

10 is the Positive Number

2. If-else statement :-
```php
<!DOCTYPE html>
<html>
<body>
<?php
$x=-10;
if($x>0)
{
        echo"$x is the Positive Number";
}
```

```
else
{
        echo"$x is the Negative Number";
}
?>
</body>
</html>
```

← → C ⓘ localhost/SUCHITA/i

-10 is the Negative Number

3. Switch statement :-

```
<!DOCTYPE html>
<html>
<body>
<?php
$ch=3;
switch($ch)
{
        case 1:
        echo"Sunday";
        break;
        case 2:
        echo"Monday";
        break;
        case 3:
        echo"Tuesday";
        break;
        default:
        echo"Invalid Choice";
}
?>
</body>
</html>
```

← → C ⓘ localhost/SUCHIT

Tuesday

Practical No 3
Write a PHP program to demonstrate the use of Looping structures using-
1. Write a program for addition of 1 to 6 digits using while loop.

```
<!DOCTYPE html>
<html>
<body>
<?php
$x = 123456;
$sum = 0;
$m = NULL;
echo "The sum of ", $x, " digits is = ";
while ($x > 0)
{
    $m = $x % 10;
    $m = intval ($m);
    $sum = $sum + $m;
    $x = $x / 10;
    $x = intval ($x);
}
echo $sum;
?>
</body>
</html>
```

← → C ⓘ localhost/SUCHITA/

The sum of 123456 digits is = 21

2. Do-while statement :-

```
<!DOCTYPE html>
<html>
<body>
<?php
$x=2;
do
{
        $x+=2;
        echo "Number is: $x<br>";
}while($x<10)
?>
</body>
</html>
```
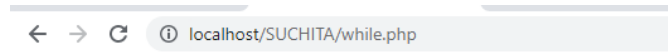
← → C ⓘ localhost/SUCHITA/do

Number is: 4
Number is: 6
Number is: 8
Number is: 10

3. For statement :-

```
<!DOCTYPE html>
<html>
<body>
<?php
for($x=1;$x<=10;$x++)
{
        if($x%2==0)
        {
                echo "<br>Even Number: $x";
        }
        else
        {
                echo "<br>Odd Number : $x";
        }
}
?>
</body>
</html>
```
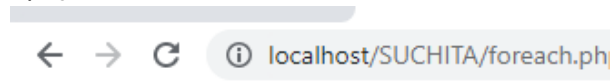
← → C ⓘ localhost/SUCHITA/while.php

Odd Number : 1
Even Number: 2
Odd Number : 3
Even Number: 4
Odd Number : 5
Even Number: 6
Odd Number : 7
Even Number: 8
Odd Number : 9
Even Number: 10
Odd Number : 11

4. Foreach statement :-

```
<!DOCTYPE html>
<html>
<body>
<?php
$arr=array(1,2,3,4);
foreach($arr as $value)
{
        echo"<br>Value is $value";
}
?>
</body>
</html>
```

← → C ⓘ localhost/SUCHITA/foreach.php

Value is 1
Value is 2
Value is 3
Value is 4

Practical No 5

A. Write a PHP program to :-
• Calculate length of string.
• Count the number of words in string without using string functions.
B. Write a simple PHP program to demonstrate use of various built-in string functions.

Write a PHP program to Calculate length of String.

```php
<?php
$str1="Welcome to PHP";
echo "The Length of String is:".strlen($str1);
?>
```

The Length of String is:14
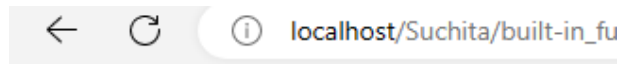
Write a PHP program to use various built-in string functions.

```php
<?php
$str="Welcome to PHP";
echo "Word Count: ".str_word_count($str);
echo "<br>The String in Lowercase: ".strtolower($str);
echo "<br>The String in Uppercase: ".strtoupper($str);
echo "<br>Position of String is: ".strpos($str, "PHP");
echo "<br>Substring: ".substr($str,7);
?>
```

Word Count: 3
The String in Lowercase: welcome to php
The String in Uppercase: WELCOME TO PHP
Position of String is: 11
Substring: to PHP

Practical No 8

Write a PHP program to a) Inherit members of superclass in Subclass.
**b) Create constructor to initialize object of class by using object oriented concepts.**

```php
<!DOCTYPE html>
<html>
<body>
<?php
    class fruit
    {
        public $name;
        public $color;
        public function construct($name, $color)
```

```php
            {
                    $this ->name=$name;
                    $this ->color=$color;
            }
            public function intro()
            {
                    echo "My favourite fruit is {$this ->name} & it's color is {$this ->color}";
            }
        }
        class Mango extends fruit
        {
                public function message()
                {
                        echo "Am i Fruit ";
                }
        }
        $Mango = new Mango("Mango","Yellow");
        $Mango ->message();
        $Mango ->intro();
?>
</body>
</html>
```
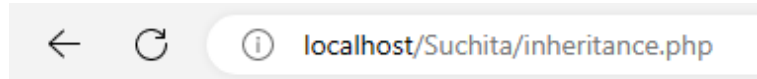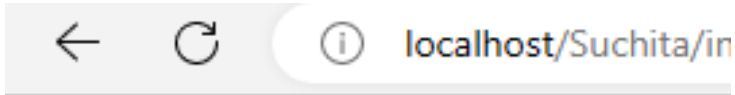
Am i Fruit My favourite fruit is & it's color is

```php
<?php
class Person
{
  public $f_name;
  public $l_name;

  function construct($f_name, $l_name)
  {
    $this->f_name = $f_name;
    $this->l_name = $l_name;
  }
  function get_f_name() {
    return $this->f_name;
  }
  function get_l_name() {
    return $this->l_name;
  }
}
$name = new Person("Suchita", "Hatmode");
echo $name->get_f_name();
echo "<br>";
echo $name->get_l_name();
```

?>

Suchita
Hatmode

Practical No 10

Design a web page using following form controls: a. Text box, b. Radio button, c. Check box, d. Buttons

Html code:-
```
<html>
<body>
<form action="form_control.php" method="post"><br>
<label>Name:</label><input type="text" name="user"/><br/><br/>
<label>Address:</label><textarea name="address" rows="2" cols="20"></textarea><br/>
<label>Select color</label><br/>
<input type="radio" name="color" value="pink">Pink<br>
<input type="radio" name="color" value="purple">Purple<br>
<label>Select Language</label><br/>
<input type="checkbox" name="check_list[]" value="wbp"><label>WBP</label><br>
<input type="checkbox" name="check_list[]" value="pwp"><label>PWP</label><br>
<input type="submit" value="SUBMIT"/>
</form>
</body>
</html>
```

Php code:-
```
<?php
echo "WELCOME <b>".$_POST['user']."</b></br>";
echo "Your address is: <b>".$_POST['address']."</b></br>";
$color=$_POST['color'];
if($color !=null)
{
        echo $color." is a nice color";
}
if(!empty($_POST['check_list']))
{
        $checked_count=count($_POST['check_list']);
        echo "<br>You have selected following ".$checked_count." option(s): ";

        foreach($_POST['check_list'] as $selected)
```

```
        {
                echo "$selected ";
        }
}
else
{
        echo "<br>Please select atleast one option";
}
?>
```

Name: Suchita Hatmode

Address: At. Giravle,
Post.Somatne,

Select color
◉ Pink
○ Purple
Select Language
☑ WBP
☐ PWP
SUBMIT

← C ⓘ localhost/Suchita/form_control.php

WELCOME **Suchita Hatmode**
Your address is: **At. Giravle, Post.Somatne,**
pink is a nice color
You have selected following 1 option(s): wbp

Practical No 11

HTML CODE:-
```html
<html>
<body>
<form action="pr11.php" method="get">
<label>Which Credit Card Would You Like to Use?</label><br>
<select name="credit_card" size="3">

<option value="Visa">Visa</option>
<option value="Mastercard">Mastarcard</option>
<option value="American Express">American Express</option>
</select>
<br><br>
<h3>Multiple select list box</h3>
<!--<form action="11b.php" method="get">-->
<label>What Do you Want in your salad?</label><br>
<select name="foods[]" size="3" multiple="multiple">
```

```html
<option value="Tomatoes">Tomatoes</option>
<option value="Cucumber">Cucumber</option>
<option value="Celery">Celery</option>
</select><br><br>
<h3> Combobox list</h3>
<label> Manufacturer</label>
<select id="make" name="Make">
<option value="0">Select Manufacturer</option>
<option value="1">--Any--</option>
<option value="2">Toyota</option>
<option value="3">Nissan</option>
<select><br><br>
<h3> Hidden text field</h3>
<input type="hidden" value="test" name= "f"/>
Name: <input type="text">
<br><br>
<input type="submit" name="submit" value="Submit"/>
</form>
</body>
</html>
```
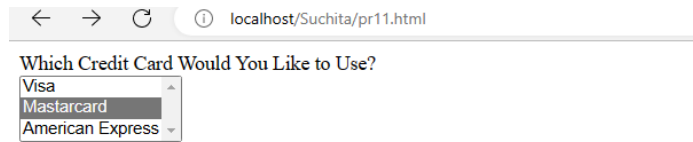
PHP CODE:-
```php
<?php
$choice= $_GET['credit_card'];
if (isset($choice))
{
echo 'The Credit Card you have selected is: '. $choice.'<br>';
}
else
{
echo "You have not selected any credit card.";
}
$choices= $_GET['foods'];
if(isset($choices))
{
echo 'You have chosen these foods to be in your salad.';
foreach ($choices as $key => $value)
{
echo $value . '<br>';
}
}
else
{
echo "You haven't selected any foods to be in your salad.";
}
'<br>';
echo"Here is combo box ";
$cho= $_GET['Make'];
if (isset($cho))
{
echo 'The car you have selected is: '.$cho.'<br>';
}
```
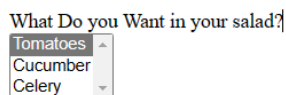
```php
else
{
echo "You have not selected any car.";
}
'<br>';
echo('<br /><br />'.$_GET['f']);
?>
```
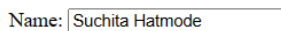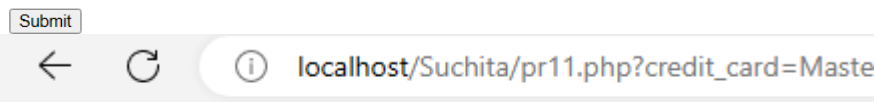
Which Credit Card Would You Like to Use?

Visa
Mastarcard
American Express

Multiple select list box

What Do you Want in your salad?
Tomatoes
Cucumber
Celery

Combobox list

Manufacturer Nissan

Hidden text field

Name: Suchita Hatmode

Submit

localhost/Suchita/pr11.php?credit_card=Maste

The Credit Card you have selected is: Mastercard
You have chosen these foods to be in your salad.Tomatoes
Here is combo box The car you have selected is: 3

Practical No 12

```html
<!DOCTYPE HTML>
<html>
<head>
<style>
.error {color: #FF0000;}
</style>
</head>
<body>
<?php
$nameErr = $emailErr = $genderErr = $websiteErr =  "";
$name = $email = $gender = $comment = $website ="";
 if($_SERVER["REQUEST_METHOD"]== "POST")
{
        if(empty($_POST["name"]))
        {
```

```php
                $nameErr = "Name is required";
        }
        else
        {
                $name = test_input($_POST["name"]);
                if(!preg_match("/^[a-zA-Z]*$/",$name))
                {
                        $nameErr = "Only letters and white space allowed";
                }
        }
        if (empty($_POST["email"]))
        {
                $emailErr = "Email is required";
        }
        else
        {
                $email = test_input($_POST["email"]);
                if(!filter_var($email,FILTER_VALIDATE_EMAIL))
                {
                        $emailErr = "Invalid email format";
                }
        }
        if (empty($_POST["website"]))
        {
                $website= "";
        }
        else
        {
                $website = test_input($_POST["website"]);
                if(!preg_match("/\b(?:(?:https?|ftp):\/\/|www\.)[-a-z0-9+&@#\/%?=~_|!:,.;]*[-a-z0-
9+&@#\/%=~_|]/i",$website))
                {
                        $websiteErr = "Invalid URL";
                }
        }
        if (empty($_POST["comment"]))
        {
                $comment ="";
        }
        else
        {
                $comment = test_input($_POST["comment"]);
        }
        if (empty($_POST["gender"]))
        {
                $genderErr = "Gender is required";
        }
        else
        {
                $gender = test_input($_POST["gender"]);
        }
}
```

```php
function test_input($data)
{
        $data = trim($data);
        $data = stripslashes($data);
        $data = htmlspecialchars($data);
        return $data;
}
?>
<h2>PHP Form Validation Example</h2>


<p><span class="error">* required field</span></p>
<form method="post" action="<?php echo
htmlspecialchars($_SERVER["PHP_SELF"]);?>">
Name: <input type="text" name="name">
<span class="error">* <?php echo $nameErr;?></span>
<br><br>
E-mail: <input type="text" name="email">
<span class="error">* <?php echo $emailErr;?></span>
<br><br>
Website: <input type="text" name="website">
<span class="error"><?php echo $websiteErr;?></span>
<br><br>
Comment: <textarea name="comment" rows="3" cols="30"></textarea>
<br><br>
Gender:
<input type="radio" name="gender" value="female">Female
<input type="radio" name="gender" value="male">Male
<input type="radio" name="gender" value="other">Other
<span class="error">* <?php echo $genderErr;?></span>
<br><br>
<input type="submit" name="submit" value="Submit">
</form>
<?php
echo "<h2>Your Input:</h2>";
echo $name; echo "<br>"; echo $email; echo "<br>"; echo $website;
echo "<br>"; echo $comment; echo "<br>"; echo $gender;
?>
</body>
</html>
```

PHP Form Validation Example

required field

Name: [   ] * Only letters and white space allowed

E-mail: [   ] *

Website: [   ]

Comment: [   ]

Gender: ○ Female ○ Male ○ Other *

[Submit]

Your Input:

Suchita Sharad Hatmode
suchitahatmode0@gmail.com
https://www.google.co.in
This is an example of PHP form validation.
female

Practical No 13

```php
<!DOCTYPE html>
<?php
$cookie_name = "user";
$cookie_value = "Suchita Hatmode";
setcookie($cookie_name, $cookie_value, time()+(86400 * 30), "/");
?>
<html>
<body>
<?php
if(!isset($_COOKIE[$cookie_name]))
{
        echo "Cookie named " . $cookie_name . " is not set!";
}
else
{
        echo "Cookie " . $cookie_value . " is set!<br>";
        echo "Value is: " . $_COOKIE[$cookie_name];
}
?>
</body>
</html>
```

← ⟳ ⓘ localhost/Suchita/pr13.php
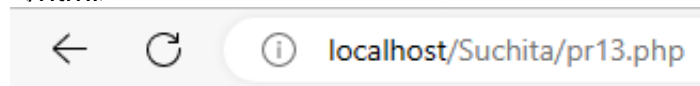
Cookie Suchita Hatmode is set!
Value is: Suchita Hatmode

```php
<?php
```

```php
session_start();
if(isset($_SESSION['counter']))
{
$_SESSION['counter']+=1;
}
else
{
$_SESSION['counter']=1;
}
$msg="You've visited this page ".$_SESSION['counter'];
$msg.=" in this session.";
?>

<html>
<head>
<title>Setting up a PHP session</title>
</head>
<body>
<?php
echo ($msg);
?>
</body>
<h3>Compiled and Executed by Suchita Hatmode</h3>
</html>
```
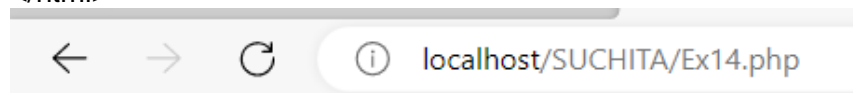
Practical No 14

```php
<!Doctype html>
<html>
<body>
<?php
$to_email = "suchitahatmode0@gmail.com";
$subject = " Simple Email Test via PHP";
$body = "Hi,This is Test Email Send by PHP Script";
$headers = "From : suchitahatmode0@gmail.com";
if (mail($to_email, $subject, $body, $headers))
{
    echo "Email suceessfully sent to $to_email....";
}
else
{
   echo "Email sending Failed...";
}
?>
</body>
</html>
```

← → C ⓘ localhost/SUCHITA/Ex14.php

Email suceessfully sent to suchitahatmode0@gmail.com....

{{{{{{{{{{{{{{{{{{{{{# to run email

https://www.000webhost.com/

link var jaun>mail ha use karun>password use kru>new folder madhe code n execurte
workingaaru@gmail.com
nostad-bixmyF-fahdo8
titha tuza vagla folder banavun try kar sagla code me pan tach kartoy
ajun konhala dila. tar tyala pan tach sang new folder banvila
na nunter
: login zala ki manage website var ja nunter file manager madha
nunter asa yail
public_html madha ja
ani titha new folder create karun tuza code tak
or tithach write pan karu shakte
ani nunter
https://dubitative-wire.000webhostapp.com/
itha jau fuda tuza folder cha nav tak
details var ja
titha visit this website manun kahi tari yail bag
}}}}}}}}}}}}}}}}}}}}