**Practical – 1**

**Aim: Write a PHP script to display Welcome message.**

**Coding:**

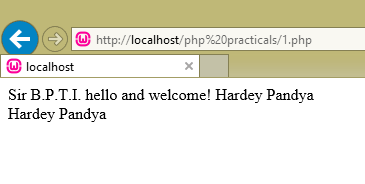
<?php

echo "Sir B.P.T.I. hello and welcome! Hardey Pandya".”<br>” ;

echo "Hardey Pandya";

?>

**Output:**



**Practical – 2**

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

**Coding:**

<?php

echo "Operators DEMO Prepared by Hardey Pandya<br>" ;

$a=5;

$b=4;

$c = $a+$b;

echo "Addition=".$c."<br>";

$c2 = $a-$b;

echo "Subtraction=".$c2.'<br>';

$c3 = $a\*$b;

echo "Multiplication=".$c3.'<br>';

$c4 = $a/$b;

echo "Division=".$c4.'<br>';

$a = 10 ;

$b = 20 ;

echo (int)($a > $b).'<br>';

echo (int)($a < $b).'<br>';

echo (int)($a == $b).'<br>';

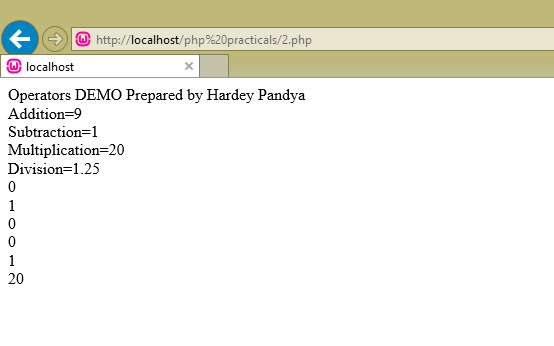
echo (int)($a >= $b).'<br>';

echo (int)($a <= $b).'<br>';

echo ($a > $b)?($c=10):($c=20) ;

?>

**Output:**



**Practical – 3**

**Aim:** **Write PHP Script to print Fibonacci series.**

**Coding:**

<body>

<?php

echo "Fibonacci Series prepared by Hardey Pandya<br>" ;

$arr = array() ;

$arr[0] = 1 ;

$arr[1] = 1 ;

for($i=1 ; $i <= 13; $i++){

$arr[$i+1] = $arr[$i] + $arr[$i-1] ;

}

foreach ($arr as $i) {

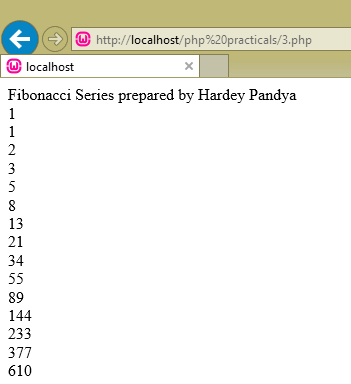
echo $i.'<br>' ;

}

?>

</body>

**Output:**



**Practical – 4**

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

**Coding:**

<html>

<?php

$maths =70;

$cp = 50;

$echm =68;

$foit =57;

$phisics=46;

echo "maths marks:".$maths."<br>" ;

echo "cp marks:".$cp."<br>" ;

echo "echm marks:".$echm."<br>" ;

echo "foit marks:".$foit."<br>" ;

echo "phisics marks:".$phisics."<br>" ;

$total=($maths+$cp+$echm+$phisics+$foit);

$per = $total / 5;

echo "$total of your subject :".$total."<br>";

echo "% of your result :".$per."<br>";

if ($per >= 100 )

echo "proper result not generated...";

else

{

if($per >= 85 )

echo "your grade is : AA ";

elseif($total <= 85 OR $total >= 70 )

echo "your grade is : BB ";

elseif($total <= 70 OR $total >= 60 )

echo "your grade is : CC ";

elseif($total <= 60 OR $total >= 40 )

echo "your grade is : DD ";

elseif($total < 40)

echo "your grade is : FF ";

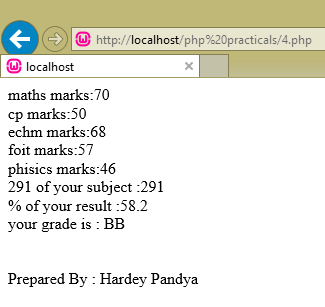
}

echo "<br><br><br> Prepared By : Hardey Pandya";

?>

</html>

**Output:**



**Practical – 5**

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

**Coding:**

<?php

$a=50;

$b = 30 ;

$c = 11 ;

echo "<h1> Max Number Hardey Pandya.</h1>" ;

if($a > $b && $a > $c)

echo $a;

elseif ($b > $a && $b > $c)

{

echo $b;

}

else

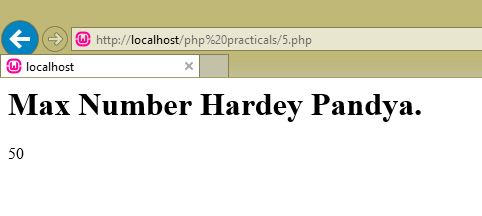
{

echo $c;

}

?>

**Output:**



**Practical – 6**

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

**Coding:**

<?php

$hardey = array(array(1, 2),array( 4,5));

$pandya = Array(Array(3, 4), array(5,6 ));

echo "Addition of arrays: Hardey and Pandya::<br>" ;

$result = array();

for($i=0; $i<=1; $i++) {

for($j=0; $j<=1; $j++) {

$result[$i][$j] = $hardey[$i][$j] + $pandya[$i][$j];

}

}

for($i=0; $i<=1; $i++) {

for($j=0; $j<=1; $j++) {

echo $result[$i][$j]." " ;

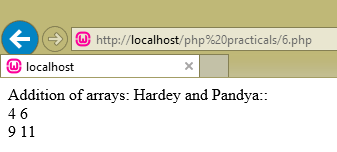
}

echo "<br>";

}

?>

**Output:**



**Practical – 7**

**Aim:** **Write PHP script to demonstrate Variable function.**

**Coding:**

<h1>

<?php

echo "Variable Function Hardey Pandya<br/>";

function hardey(){

echo "No Argument hardey pandya<br/>";

}

function pandya($a){

echo $a\*$a."<br/>";

}

function hardeypandya($a,$b){

echo $a\*$b."<br/>";

}

$var ="hardey";

$var();

$var ='pandya';

$var(5);

$var ='hardeypandya';

$var(4,3);

?>

</h1>

**Output:**



**Practical – 8**

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

**Coding:**

<?php

$n = 5;

echo "Hardey Pandya<br>" ;

$fact =1 ;

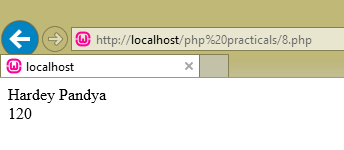
for($i=1; $i <= $n ; $i++)

$fact = $fact \* $i ;

echo $fact ;

?>

**Output:**



**Practical – 9**

**Aim: Write PHP script to demonstrate string function.**

**Coding:**

<?php

//chr,ord

echo chr(65)."<br>" ;

echo ord('a')."<br>" ;

//ltrim,rtrim,trim

$s = " hardey pandya " ;

echo "Without ltrim:".$s."<br>" ;

echo "With ltrim:".ltrim($s)."<br>" ;

echo $s."Without rtrim"."<br>" ;

echo rtrim($s)."With rtrim"."<br>" ;

echo "Without trim".$s."Without trim"."<br>" ;

echo "With trim".trim($s)."With trim"."<br>" ;

//strrev,strlen

echo strrev('hardey pandya') ;

echo strlen('hardey pandya')."<br>" ;

echo "strcmp('hardey','hardey') =".strcmp('hardey','hardey')."<br>" ;

echo "strcmp('hardey','HARDEY') =".strcmp('hardey','HARDEY')."<br>" ;

echo "strcmp('hardeypandya','hardey') =".strcmp('hardeypandya','hardey')."<br>" ;

echo "strcmp('hardey','hardeypandya') =".strcmp('hardey','hardeypandya')."<br>" ;

echo "strcasecmp('hardey','HARDEY') =".strcasecmp('hardey','HARDEY')."<br>" ;

echo "substr('hardey',1,3 =) :".substr('hardey',1,3)."<br>" ;

echo "strtoupper('hardey')".strtoupper("hardey")."<br>" ;

echo "strtolower('HARDEY')".strtolower("HARDEY")."<br>" ;

echo "strpos('hardey pandya parr','pa') = ".strpos("hardey pandya parr","pa")."<br>" ;

echo "strpos('hardey pandya parr','Pa') = ".strpos("hardey pandya parr","Pa")."<br>" ;

echo "strrpos('hardey pandya parr','pa') = ".strrpos("hardey pandya parr","pa")."<br>" ;

echo "strstr('hardey pandya parr','Pa') = ".strstr("hardey pandya parr","Pa")."<br>" ;

echo "strstr('hardey pandya parr','pa') = ".strstr("hardey pandya parr","pa")."<br>" ;

echo "stristr('hardey pandya parr','Pa') = ".stristr("hardey pandya parr","Pa")."<br>" ;

$str = "hardey one pandya one" ;

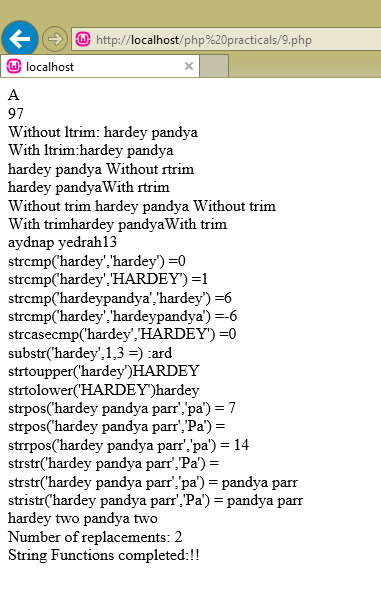
echo str\_replace("one","two",$str,$i)."<br>" ;

echo "Number of replacements: $i"."<br>" ;

print("String Functions completed:!!") ;

?>

**Output:**



**Practical – 10**

**Aim: Write PHP script to demonstrate Date functions.**

**Coding:**

<h3>

<?php

echo "Hardey Pandya"."<br>" ;

//Date

echo "Day of Month with suffix: ".date("dS")."<br/>";

echo "Textual representation of day: ".date("D")."<br/>";

echo "Day of month:".date("j")."<br/>";

echo "ISO Numeric representation of Day:".date("N")."<br/>";

echo "Numeric representation of day:".date("w")."<br/>";

echo "Day of year:".date("z")."<br/>";

echo "Week number of year:".date("W")."<br/>";

echo "Textual representation of Month: ".date("F")."<br/>";

echo "Numeric representation of Month: ".date("m")."<br/>";

echo "Short representation of Month: ".date("M")."<br/>";

echo "Number of Days in Month: ".date("t")."<br/>" ;

if(date("L"))

echo"It is Leap Year"."<br/>";

else

echo"It is not Leap Year"."<br/>";

echo "Representation of Month: ".date("Y")."<br/>";

echo "am or pm: ".date("a")."<br/>";

//Time

echo "Hour:minute:second ".date("g:i:s")."<br/>";

echo "Timezone: ".date("e")."<br/>";

echo "Difference with GMT: ".date("O")."<br/>";

echo "---------------<br/>";

echo date("F j, Y, g:i a")."<br/>";

echo "<br>--------------------<br>" ;

print\_r(getdate());

echo "<br/>";

$t=getdate(date("U"));

print("$t[weekday], $t[year]");

echo "<br/>";

echo time()."<br/>";

echo "---------------<br/>";

echo "Aug 18, 1990 was on a ".date("l", mktime(0,0,0,8,18,1990)) . "<br/>";

echo date("M-d-Y",mktime(0,0,0,8,18,1990)) . "<br>";

echo "---------------<br/>";

$var1=678;

$var2="resource";

$var3=6.99;

echo "---------------<br/>";

echo (int)checkdate(2,29,2003);

echo "<br>";

echo "---------------<br/>";

$date = date\_create();

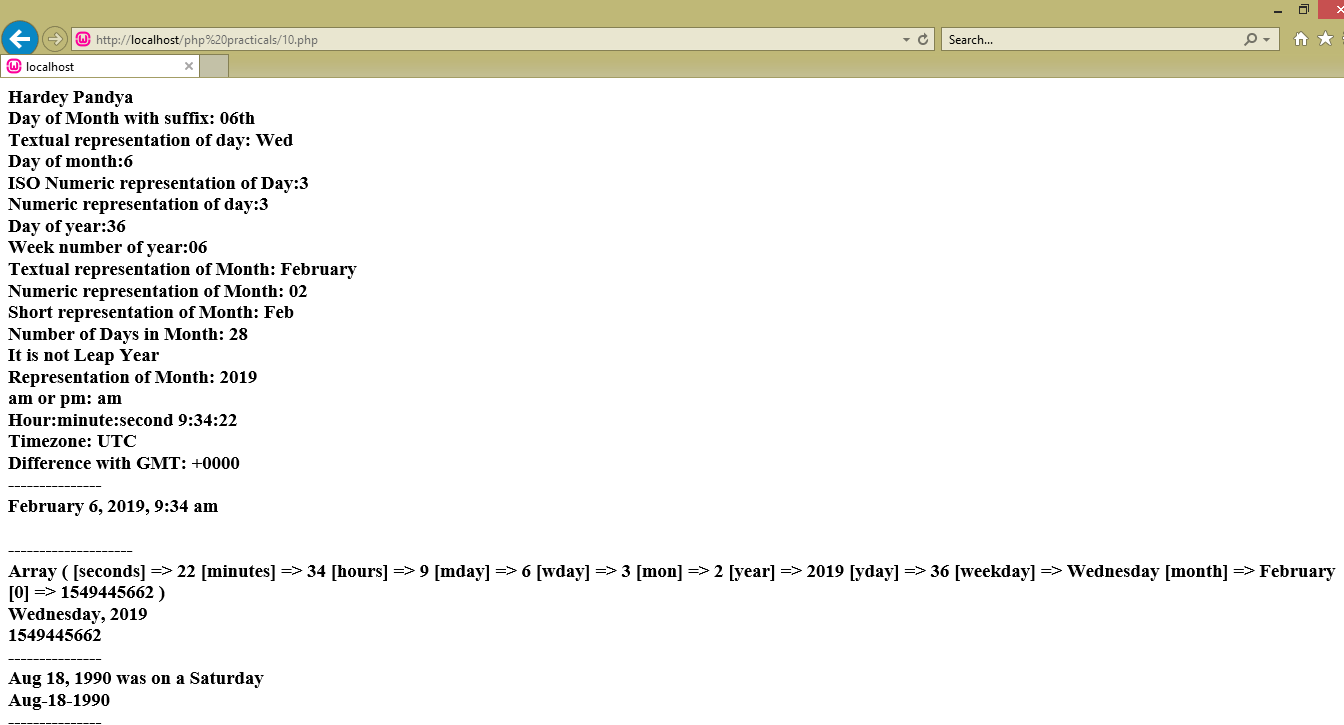
date\_date\_set($date, 2001, 2, 3);

echo date\_format($date, 'Y-m-d');

?>

</h3>

**Output:**



**Practical – 11**

**Aim: Write PHP script to demonstrate Math functions.**

**Coding:**

<?php

echo "<h1>"."Math Functions Hardey Pandya"."</h1><br>" ;

echo "abs(-3.56) = ".abs(-3.56)."<br>" ;

echo "abs(3.56) = ".abs(3.56)."<br>" ;

echo "ceil(-3.56) = ".ceil(-3.56)."<br>" ;

echo "ceil(3.56) = ".ceil(3.56)."<br>" ;

echo "floor(-3.56) = ".floor(-3.56)."<br>" ;

echo "floor(3.56) = ".floor(3.56)."<br>" ;

echo "round(-3.56) = ".round(-3.56)."<br>" ;

echo "round(3.56) = ".round(3.56)."<br>" ;

echo "fmod(-25,4) = ".fmod(-25,4)."<br>" ;

echo "fmod(-25,-4) = ".fmod(-25,-4)."<br>" ;

echo "fmod(25,4) = ".fmod(25,4)."<br>" ;

echo "fmod(25,-4) = ".fmod(25,-4)."<br>" ;

echo "max(-25,4) = ".max(-25,4)."<br>" ;

echo "min(-25,4) = ".min(-25,4)."<br>" ;

echo "pow(-25,4) = ".pow(-25,4)."<br>" ;

echo "sqrt(25) = ".sqrt(25)."<br>" ;

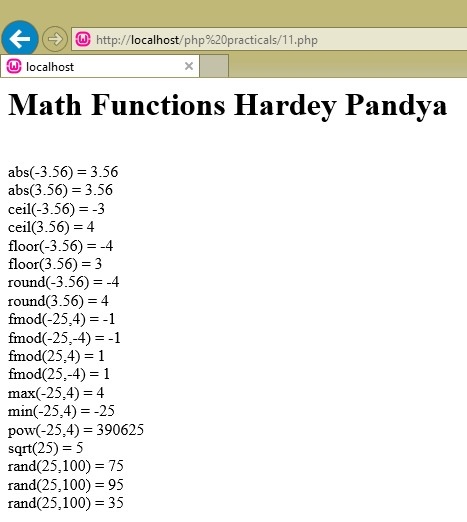
echo "rand(25,100) = ".rand(25,100)."<br>" ;

echo "rand(25,100) = ".rand(25,100)."<br>" ;

echo "rand(25,100) = ".rand(25,100)."<br>" ;

?>

**Output:**



**Practical – 12**

**Aim: Write PHP script to demonstrate Array functions.**

**Coding:**

<?php

$var\_count = array(array(5),array(9,6,1,3));

echo "Count elements : ".count($var\_count)."<br/>";

echo "Count elements with multidimension array : ".count($var\_count,1)."<br/>";

$var\_list = array(9,1,6);

list($a,$b,$c) = $var\_list;

echo "List of elements : ".$a,$b,$c."<br/>";

$var\_inarray = array(7,8,9);

echo "in\_array function : search element :........ : ";

if(in\_array(7,$var\_inarray))

echo "Match Found"."<br/>";

else

echo "Match Not Found"."<br/>";

echo "array\_search function : ".array\_search(8,$var\_inarray)."<br/><br/>";

$var = array(5,6,7);

echo "CURRENT function : ".current($var)."<br/>";

echo "NEXT function : ".next($var)."<br/>";

echo "PREV function : ".prev($var)."<br/>";

echo "END function : ".end($var)."<br/>";

echo "RESET function : ".reset($var)."<br/><br/>";

$var\_each = array("jay","chirag","janak","tushar","hardey");

echo "EACH function : ";

print\_r(each($var\_each));

echo "<br/>";

$var\_sort = array(70,45,24,12);

sort($var\_sort);

echo "SORT function : ";

print\_r($var\_sort);

echo "<br/>";

$var\_1 = array(12,13,14,15);

$var\_2 = array(16,17);

echo "ARRAY MERGE function : ";

print\_r(array\_merge($var\_1,$var\_2));

echo "<br/>";

$var\_rev = array("a" => "JAY", "b" => "TUSHAR" ,"c" => "CHIRAG" , 'd' => "Hardey");

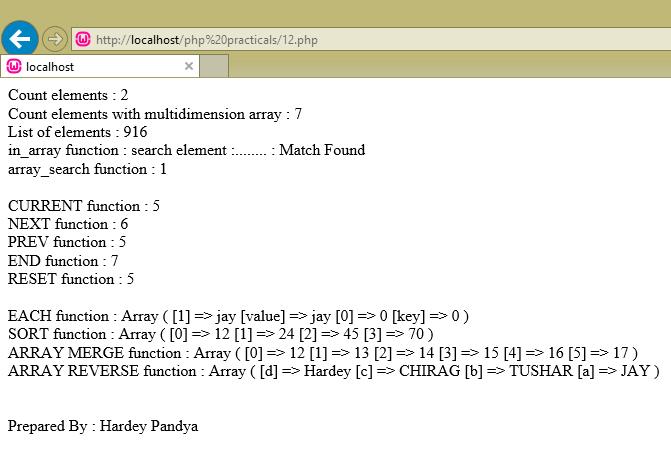
echo "ARRAY REVERSE function : ";

print\_r(array\_reverse($var\_rev));

echo "<br><br><br> Prepared By : Hardey Pandya";

?>

**Output:**



**Practical – 13**

**Aim: Write PHP script to demonstrate Array functions.**

**Coding:**

<h3>

<?php

print\_r(file("Hardey.txt"));

echo "<br/>---------------<br/>";

$var=fopen("Hardey.txt","r");

echo fread($var, "20");

fclose($var);

echo "<br/>---------------<br/>";

$var=fopen("Jay.txt","w");

echo "Number of bytes written: ".fwrite($var,"Sir Hardey Jay Jatin");

echo fread($var, 20);

echo "<br/>---------------<br/>";

$str=fopen("jayJatin.txt","a+");

echo fwrite($str,"Sir Hardey Jay Jatin");

echo fread($str,"100") ;

echo "<br/>---------------<br/>";

$var= @fopen("JayJatin.txt","x");

echo @fwrite($var,"Sir Hardey Jay Jatin");

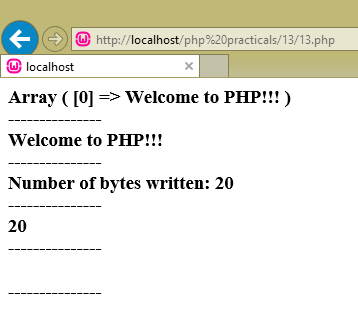
@fclose($var);

echo "<br/>---------------<br/>";

?>

</h3>

**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.**

**Coding:**

14.html

<html>

<head>

<title>Hardey Pandya</title>

</head>

<body>

<form Action="14.php" method="POST">

<input type="Hidden" name="hdn" value="Hardey">

Name: <input type="Text" name="txtnm"><br/>

Password: <input type="password" name="txtpass"><br/>

Address: <textarea name="txtadr" rows="2" cols="20"></Textarea>

<br/>

Hobbies:

<input type="checkbox" name="chkhoby[]" value="Cricket">Cricket

<input type="checkbox" name="chkhoby[]" value="Tennis">Tennis

<input type="checkbox" name="chkhoby[]" value="Travelling">Travelling

<input type="checkbox" name="chkhoby[]" value="Reading">Reading

<br/>

Semester:

<input type="radio" name="sem" value="1">1st

<input type="radio" name="sem" value="2">2nd

<input type="radio" name="sem" value="3">3rd

<input type="radio" name="sem" value="4">4th

<input type="radio" name="sem" value="5">5th

<input type="radio" name="sem" value="6">6th

<br/>

Known Programming Languages:

<select name="prolan">

<option>C</option>

<option selected>C++</option>

<option>Java</option>

<option>VB</option>

<option>PHP</option>

</select>

<br/>

Languages:

<select name="lan[]" multiple="true" size="4">

<option>Gujarati</option>

<option selected>Hindi</option>

<option>English</option>

<option>Sanskrit</option>

</select>

<br/>

<input type="submit" name="btnsub" value="Submit Form">

<input type="button" name="btncan" value="Cancel">

<input type="reset" name="btnrst" value="Reset Form">

</form>

</BODY>

</html>

14.php

<html>

<body>

<h3>

<?php

echo "Hiden Value is: ".$\_POST["hdn"]."<br />";

echo "Name: ".$\_POST["txtnm"]."<br />";

echo "Password: ".$\_POST["txtpass"]."<br />";

echo "Address: ".$\_POST["txtadr"]."<br />";

echo "Hobbies: ";

foreach($\_POST['chkhoby'] as $sel){

echo $sel." ";

}

echo"<br/>";

echo "Semester: ".$\_POST['sem']."<br/>";

echo "Known Languages:".$\_POST['prolan']."</br>";

echo "Languages: ";

foreach($\_POST['lan'] as $sel){

echo $sel." ";

}

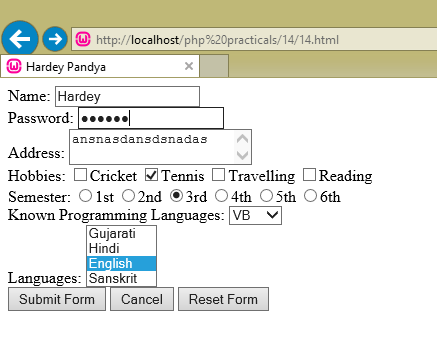
?>

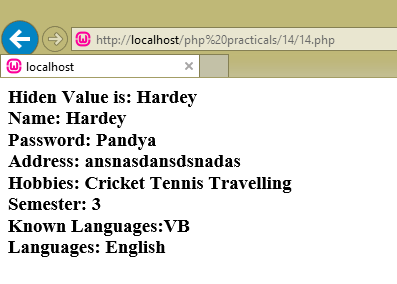
</h3>

</body>

</html>

**Output:**





**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.**   
**Coding:**

15.html

<html>

<head>

<title>Website Registration Form</title>

</head>

<body>

<form action="15.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>

15.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 : " ; f

foreach($\_REQUEST['cities'] as $sel)

{

echo $sel . ", " ;

}

echo "</br>" ;

echo "Type of business : " . $\_REQUEST['type'] ;

}

?>

</body>

</html>

**Output:**

