**Assignment 4 (PHP)**

1. Write a PHP script for the following.

a) Design a form to accept the details of 5 different items such as Item code,

Item Name, unit, sold and Rate.

b) Display the bill in tabular format. Use only 4 textboxes. [Use explode]

* 1. Design html with 4 text boxes for Item code, Item Name, unit, sold and Rate.
* 2. Accept 5 details of item separated by comma.

3. In PHP read values from all textboxes using $\_POST[] in 4 strings.

4. Convert string to array using explode() function. So either create 4 arrays or create one 2D array.

5. Then display values from an array in tabular format using for loop.

HTML File:

<html>

<head>

<title>Accept items</title>

</head>

<body>

<fieldset>

<legend><h1>Enter details of Items</h1></legend>

<form action="items.php" method=”post”>

<center>

<h3>item code <input type=”text” name=”itemcode”

placeholder=”ex 11,12,13,14,15″ /></h3>

<h3>item name <input type=”text” name=”itemname” /></h3>

<h3>units sold <input type=”text” name=”unitssold” /></h3>

<h3>rate <input type=”text” name=”rate” /></h3>

<input type="submit" value="submit">

<hr/>

</center>

</form>

</body>

</html>

PHP File:

<?php

$itemcode = $\_POST[‘itemcode’];

$itemname = $\_POST[‘itemname’];

$unitssold = $\_POST[‘unitssold’];

$rate = $\_POST[‘rate’];

$i\_code = explode(‘,’,$itemcode);

$i\_name = explode(‘,’,$itemname);

$i\_unit = explode(‘,’,$unitssold);

$i\_rate = explode(‘,’,$rate);

$z=count($i\_code);

$t\_amt=0;

for($i=0;$i<$z;$i++)

{

$t\_amt = $t\_amt+$i\_rate[$i];

}

echo “<table align=center border=1>”;

echo “<tr><td> <b>Item Code</b> </td><td> <b>Item Name</b>

</td><td><b> Units Sold</b> </td><td> <b>Rate </b></td></tr>”;

for($i=0;$i<$z;$i++)

{

echo “<tr><td>”.$i\_code[$i].”</td><td>”.$i\_name[$i].”</td>

<td>”.$i\_unit[$i].”</td><td>”.$i\_rate[$i].”</td></tr>”;

}

echo “<tr><th colspan=3>Total amount </th><td>”.$t\_amt.”</td></tr>”;

echo “</table>”;

?>

1. Design a HTML form to accept a string. Write a PHP script for the following.

a) Write a function to count the total number of Vowels from the string.

b) Show the occurrences of each Vowel from the string.

* 1. Accept the string from user.

2. Write count() function. Pass string to this function. Take character from string, if it is vowel then increment the count and display position of that vowel. At the end display total count.

3. Either take 4 variables or take associative array with keys as vowels and store number of occurrence of each vowel.

HTML File:

<html>

<body>

<form action="vowels.php" method="post">

<h3>Enter Sting: <input type="text" name="str" maxlength="20"></h3>

<h4>Operations :</h4>

<input type="radio" name="op" value="1">Total Vowels<br>

<input type="radio" name="op" value="2">Occurances<br><br>

<input type="submit" value="show">

</form>

</body></html>

PHP File:

<?php

function cnt\_vowels($a,$l)

{

$v\_cnt = 0;

for($i = 0;$i < $l;$i++)

{

if(( $a[$i] == 'a') || ($a[$i] == 'e') || ($a[$i] == 'i') || ($a[$i] == 'o') || ($a[$i] == 'u') || ($a[$i] == 'A') || ($a[$i] == 'E') || ($a[$i] == 'I') || ($a[$i] == 'O') || ($a[$i] == 'U'))

$v\_cnt++;

}

return $v\_cnt;

}

function occur\_vowels($a,$l)

{

$av=$ev=$iv=$ov=$uv=$cnt=0;

for($i=0;$i<$l;$i++)

{

if(( $a[$i] == 'a') || ($a[$i] == 'A'))

$av++;

else if(( $a[$i] == 'e') || ($a[$i] == 'E'))

$ev++;

else if(( $a[$i] == 'i') || ($a[$i] == 'I'))

$iv++;

else if(( $a[$i] == 'o') || ($a[$i] == 'O'))

$ov++;

else if(( $a[$i] == 'u') || ($a[$i] == 'U'))

$uv++;

else $cnt ++;

}

echo "<br> Total 'a' : $av";

echo "<br> Total 'e' : $ev";

echo "<br> Total 'i' : $iv";

echo "<br> Total 'o' : $ov";

echo "<br> Total 'u' : $uv";

echo "<br> Total consonents are : $cnt";

$tot = $av+$ev+$iv+$ov+$uv;

return $tot;

}

$str = $\_POST['str'];

$op = $\_POST['op'];

$l = strlen($str);

switch($op)

{

case 1 : echo "string is :: $str<br>";

$v\_cnt = cnt\_vowels($str,$l);

echo "Total vowels are :: $v\_cnt<br>";

break;

case 2 : echo "string is :: $str<br>";

$v\_occ = occur\_vowels($str,$l);

echo "lenght is :: $v\_occ<br>";

break;

}

?>

1. Write a PHP script, which will return the following component of the URL.

e.g http:// www.example.com/php-example/index.php

List of component: Scheme, Host, Path

Excepted o/p

Scheme: http

Host: www.example.com

Path:/php-example/index.php

* 1. Accept url from user store it in string.
* Use parse\_url and pass url as a string and pass second parameter as components.

print(parse\_url($url, PHP\_URL\_SCHEME));

print(parse\_url($url, PHP\_URL\_HOST));

print(parse\_url($url, PHP\_URL\_PATH));

print(parse\_url($url, PHP\_URL\_PORT));

PHP File :

<?php

$url = 'http://www.example.com/php-example/index.php';

print\_r(parse\_url($url));

$scheme = parse\_url($url,PHP\_URL\_SCHEME);

echo "<br><br>Scheme : $scheme";

$host = parse\_url($url,PHP\_URL\_HOST);

echo "<br><br>Host : $host";

$path = parse\_url($url,PHP\_URL\_PATH);

echo "<br><br>path : $path";

print(parse\_url($url, PHP\_URL\_PORT));

echo "<br><br>path : $port";

?>

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