Slip 3

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 script.

<html>

<head>

<title>s5a</title>

</head>

<body bgcolor="light green">

<form method="post" action="s5aa.php">

<center>

Enter a string<input type="text" name="s"><br>

<button value="submit">REVERSE</button>

</center>

</form>

</body>

</html>

//////php

<?php

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

$cnt=0;

$l=strlen($str);

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

{

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

$cnt++;

}

echo "Total number of vowel in ".$str." are->".$cnt;

?>

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

<html>

<head>

<title>s5b</title>

</head>

<body bgcolor="light green">

<form method="post" action="s5bb.php">

<center>

Enter a string<input type="text" name="s"><br>

<button value="submit">Cnt\_EACH\_Vowel</button>

</center>

</form>

</body>

</html>

///php

<?php

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

$acnt=0;$ecnt=0;$icnt=0;$ocnt=0;$ucnt=0;

for($i=0;$i<strlen($str);$i++)

{

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

$acnt++;

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

$ecnt++;

if(($str[$i]=='i') || ($str[$i]=='I'))

$icnt++;

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

$ocnt++;

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

$ucnt++;

}

echo "Count of vowel a A is ".$acnt."<br>"."Count of vowel e E is ".$ecnt."<br>"."Count of vowel i I is ".$icnt."<br>"."Count of vowel o O is ".$ocnt."<br>"."Count of vowel u U is ".$ucnt."<br>";

?>

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2) Write a script to create XML file ‘University.xml’.

The element details of ‘University.xml’ Are as follows:

<Univ>

<Uname>……</Uname>

<city>……….</city>

<Rank>…….</Rank>

</Univ>

a) Store the details of at least 3 universities.

b) Link the ‘University.xml’ file to CSS and get well formatted output as given below.

i) Uname : Color : black; Font-family: copperplate G0thic Light; Font size: 16pt; Font: Bold;

ii) City and Rank Color: Yellow; Font-family: Arial; Font-size: 12pt; Font: Bold;

**Sol-**

<?php

$dom=new DOMDocument("1.0");

$dom->formatOutput=true;

header("content-Type:text/plain");

//Record 1

$root=$dom->createElement("Univ");

$dom->appendChild($root);

$uname=$dom->createElement("Uname","Pune University");

$root->appendChild($uname);

$city=$dom->createElement("CITY","Pune");

$root->appendChild($city);

$rank=$dom->createElement("Rank","1");

$root->appendChild($rank);

//Record 2

$root=$dom->createElement("Univ");

$dom->appendChild($root);

$uname=$dom->createElement("Uname","Mumbai University");

$root->appendChild($uname);

$city=$dom->createElement("CITY","Mumbai");

$root->appendChild($city);

$rank=$dom->createElement("Rank","2");

$root->appendChild($rank);

//Record 3

$root=$dom->createElement("Univ");

$dom->appendChild($root);

$uname=$dom->createElement("Uname","Delhi University");

$root->appendChild($uname);

$city=$dom->createElement("CITY","Delhi");

$root->appendChild($city);

$rank=$dom->createElement("Rank","3");

$root->appendChild($rank);

//echo $dom->saveXML();

echo $dom->save("university.xml");

?>

//css

uname{

color:black;

font-family:copperplate Gothic Light;

font-size:16px;

font:bold;

}

CITY,Rank{

color:yellow;

font-family:Arial;

font-size:12px;

font:Bold;

}

//xml

<?xml version="1.0"?>

<?xml-stylesheet type="text/css" href="s5.css"?>

<Univ>

<Uname>Pune University</Uname>

<CITY>Pune</CITY>

<Rank>1</Rank>

<Uname>Mumbai University</Uname>

<CITY>Mumbai</CITY>

<Rank>2</Rank>

<Uname>Delhi University</Uname>

<CITY>Delhi</CITY>

<Rank>3</Rank>

</Univ>

[30 M]

3) Viva [10M]