Assignment1: HTML

1. Design HTML form accept name, age and Mobile no from user using java script validate for following student name should Not be empty and student age between 1 to 20

Sol:

<html>

<head><title>a5</title>

<script>

function vali()

{

var nm=document.getElementById("n").value;

var age=document.getElementById("a").value;

var mob=document.getElementById("m").value;

if(nm=="" )

{

alert("Student name should not be empty");

}

else if(age<=1 || age>=20)

{

alert("Age should be in between 1 to 20");

}

else

{

alert("valid");

}

}

</script>

</head>

<body bgcolor="brown">

<form >

<center>

<h3>Student Registration form</h3><br><br>

Student Name:<input type="text" name="x" id="n"><br><br>

Student age:<input type="number" name="y" id="a"><br><br>

Student mobile number:<input type="text" name="z" id="m"><br><br>

<button onclick=vali() value="submit">validate</button>

</center>

</form>

</body>

</html>

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

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;

?>

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3) Design a HTML form to 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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4) Write an HTML script to accept two numbers (text boxes) and an arithmetic operation (radio buttons for +, -, /, \* and %) from user and write a PHP script to display the result of the operation on next page.

<!Doctype html>

<html>

<head>

<body bgcolor="gray">

<form name='myform' action='s20a.php' method='GET'>

Enter Number 1:<input type="number" name="number1"><br><br>

Enter Number 2:<input type="number" name="number2"><br><br>

+<input type="radio" name="opr" value='+'>

-<input type="radio" name="opr" value='-'>

\*<input type="radio" name="opr" value='\*'>

/<input type="radio" name="opr" value='/'><br><br><br>

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

<input type="reset" value="reset">

</form>

</body>

</head>

</html>

////php

<?php

$a=$\_GET["number1"];

$b=$\_GET["number2"];

$c=$\_GET["opr"];

switch($c)

{

case '+':add($a,$b);

break;

case '-':sub($a,$b);

break;

case '\*':mul($a,$b);

break;

case '/':div($a,$b);

break;

}

function add($a,$b)

{

echo $a+$b . "Is addition";

}

function sub($a,$b)

{

echo $a-$b . "Is subtraction";

}

function mul($a,$b)

{

echo "Multiplication is".$a\*$b;

}

function div($a,$b)

{

echo "Division is".$a/$b;

}

?>