Write a PHP script for the following: Design a form to accept a string. Write a function to count the total number of vowels (a,e,i,o,u) from the string. Show the occurrences of each vowel from the string. Check whether the given string is a palindrome or not, without using built-in function. (Use radio buttons and the concept of function. Use ‘include’ construct or require stmt.)

**HTML File:**  
<html>  
<body>  
<form method="GET" action="ass1a1.php">  
Enter the String : <input type="text" name="inputStr"><br>  
<input type="submit" name="Submit">  
</form>  
</body>  
</html>  
  
**PHP Function:**  
**NOTE:** **PHP function is saved as "ass1a1.php"**  
  
<?php  
  
$string = $\_GET['inputStr'];  
  
$vowels = array("a"=>0,"e"=>0,"i"=>0,"o"=>0,"u"=>0);  
  
for($i=0; $i<strlen($string); $i++) {  
if(strtolower($string[$i]) == 'a') {  
++$cnt;  
++$vowels['a'];  
}  
if(strtolower($string[$i]) == 'e') {  
++$cnt;  
++$vowels['e'];  
}  
if(strtolower($string[$i]) == 'i') {  
++$cnt;  
++$vowels['i'];  
}  
if(strtolower($string[$i]) == 'o') {  
++$cnt;  
++$vowels['o'];  
}  
if(strtolower($string[$i]) == 'u') {  
++$cnt;  
++$vowels['u'];  
}  
}  
  
echo "<h1>Total number of vowels found : ".$cnt."<h1>";  
echo "Occurence of 'a' : ".$vowels['a']."<br>";  
echo "Occurence of 'e' : ".$vowels['e']."<br>";  
echo "Occurence of 'i' : ".$vowels['i']."<br>";  
echo "Occurence of 'o' : ".$vowels['o']."<br>";  
echo "Occurence of 'u' : ".$vowels['u']."<br>";  
$str=strrev($string);  
$a=strlen($string);  
$f=0;  
for($j=0;$j<$a;$j++)  
{  
    if($str[$j]==$string[$j])  
    {  
        $f=0;  
    }  
    else  
    {  
        $f=1;  
        break;  
    }  
}  
if($f==0)  
{  
    echo"string is palindrome";  
}  
else  
{  
    echo"string is not palindrome";  
}  
?>