**EXPERIMENT:** **1**

**PROBLEM STATEMENT:**

Write a PHP script to print prime numbers between 1-50.

**AIM:** print prime numbers between 1-50.

**PROGRAM:**

<?php

$count = 0;

$num = 2;

while ($count < 15 )

{

$div\_count=0;

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

{

if (($num%$i)==0)

{

$div\_count++;

}

}

if ($div\_count<3)

{

echo $num." , ";

$count=$count+1;

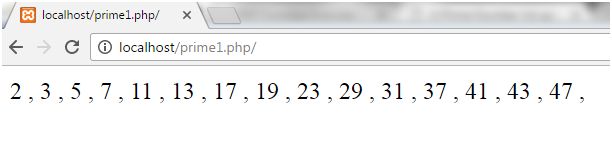
}

$num=$num+1;

}

?>

Output:



**EXPERIMENT – 2**

**PROBLEM STATEMENT:**

PHP script to a. Find the length of a string. b. Count no of words in a string. c. Reverse a string. d. Search for a specific string.

**AIM:** php script to find the length of a string

**PROGRAM:**

2.a. php script to find the length of a string

<!DOCTYPE html>

<html lang="en">

<head>

<title>Example of Obtaining String Length in PHP</title>

</head>

<body>

<?php

$str1 = 'Hello world!';

echo 'Length of $str1 is - ' . strlen($str1);

echo "<br>";

$str2 = ' Hello world! ';

echo 'Length of $str2 is - ' . strlen($str2);

?>

</body>

</html>

Output:

Length of $str1 is - 12  
Length of $str2 is - 17

**2.b. php script to find the Count no of words in a string**

<?php  
  
$str = "Hello fri3nd, you're  
       looking          good today!";  
  
print\_r(str\_word\_count($str, 1));  
print\_r(str\_word\_count($str, 2));  
print\_r(str\_word\_count($str, 1, 'àáãç3'));  
  
echo str\_word\_count($str);  
  
?>

Output:

Array

(

[0] => Hello

[1] => fri

[2] => nd

[3] => you're

[4] => looking

[5] => good

[6] => today

)

Array

(

[0] => Hello

[6] => fri

[10] => nd

[14] => you're

[29] => looking

[46] => good

[51] => today

)

Array

(

[0] => Hello

[1] => fri3nd

[2] => you're

[3] => looking

[4] => good

[5] => today

)

**2.c. php script to find the length of a string**

<?php

// PHP program to reverse a string using strrev()

function Reverse($str){

    return strrev($str);

}

// Driver Code

$str = "GeeksforGeeks";

echo Reverse($str)

?>

Output:

skeeGrofskeeG

2.d. php script to Search for a specific string

<?php

$str1 = 'The quick brown fox jumps over the lazy dog.';

if (strpos($str1,'jumps') !== false)

{

echo 'The specific word is present.';

}

else

{

echo 'The specific word is not present.';

}

?>

Output:

The specific word is present

**EXPERIMENT – 3**

**PROBLEM STATEMENT:**

Write a PHP script to merge two arrays and sort them as numbers, in descending order

**AIM:** Sorting Array elements in descending order.

**PROGRAM:**

<?php

$a1=**array**(1,3,15,7,5);

$a2=**array**(4,3,20,1,6);

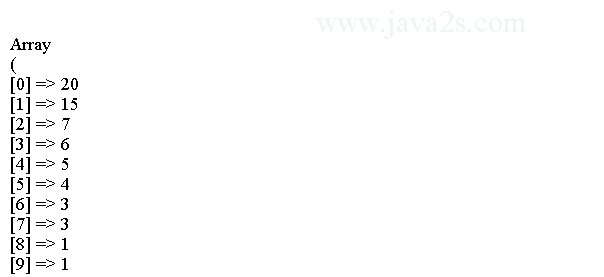
$num=array\_merge($a1,$a2);

array\_multisort($num,SORT\_DESC,SORT\_NUMERIC);

print\_r($num);

?>

Output:



)

**EXPERIMENT – 4**

**PROBLEM STATEMENT:**

Write a PHP script that reads data from one file and write into another file

**AIM:** reads data from one file and write into another file

<?php

$myfile =fopen("C:\Users\Hema\Desktop\hi.txt", "r") or die("Unable to open file!");

$secondfile=fopen("C:\Users\Hema\Desktop\pass.txt", "w") or die("Unable to open file!");

$str=fgets($myfile);

fwrite($secondfile,$str);

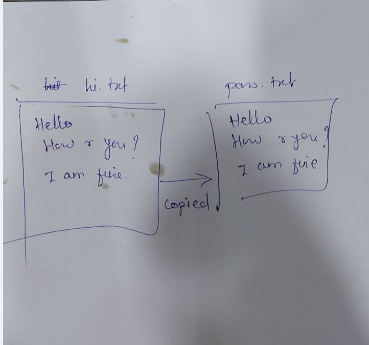
echo"done";

fclose($myfile);

fclose($sec);

?>

O/P:-



**EXPERIMENT – 5**

**PROBLEM STATEMENT:**

Develop static pages (using Only HTML) of an online book store. The pages should resemble: www.amazon.com. The website should consist the following pages.

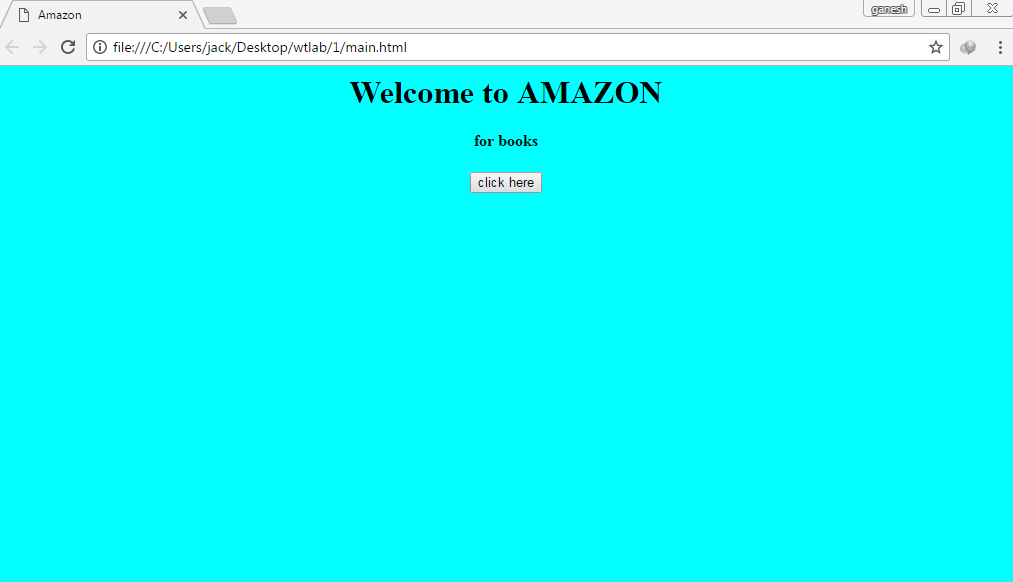
**AIM: a)** Home page b) Registration and user Login c) User Profile Page d) Books catalog e) Shopping Cart f) Payment By credit card g) Order Conformation

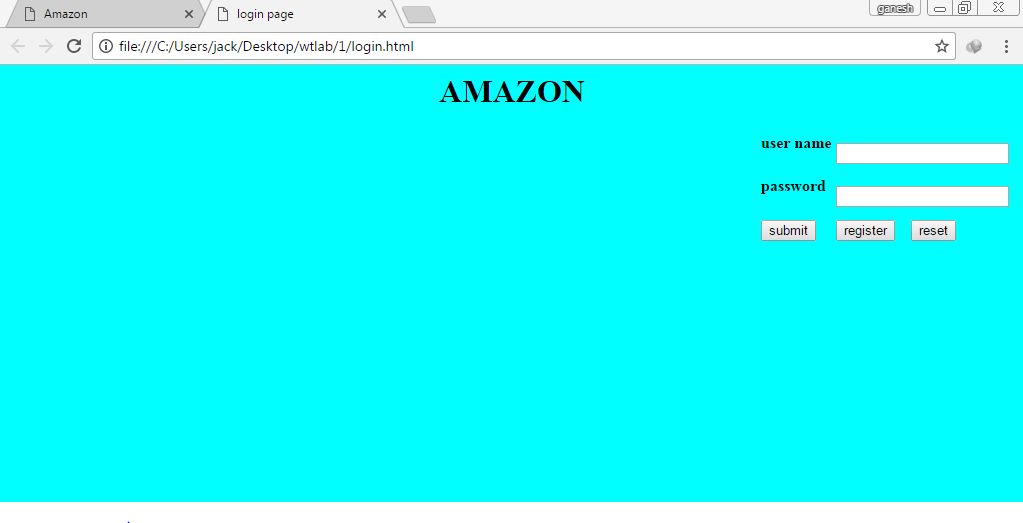
**PROGRAM:**

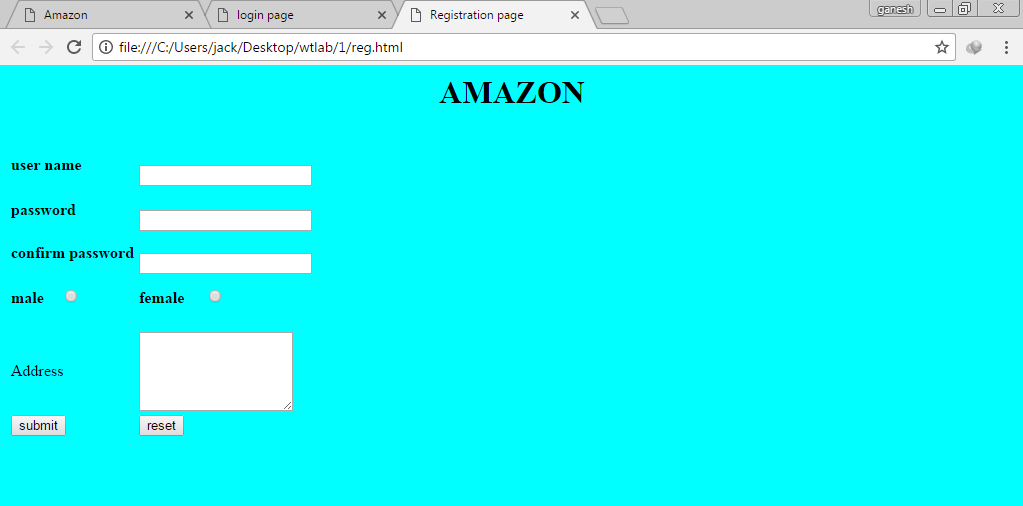
Home page  
  
Main.html:  
<html>  
<head>  
<title>  
Amazon</title>  
</head>  
<body bgcolor="cyan"> <center>  
<strong><h1>Welcome to AMAZON</h1></strong>  
<form method="post" action="login.html" target=\_blank >  
<h4>for books</h4><input type="submit" value="click here">  
</form>  
</center>  
</body>  
</html>  
  
  
Registration and user Login  
  
Login.html:  
<html>  
<head>  
<title>  
login</title>  
</head>  
<body bgcolor="cyan"> <center>  
<strong><h1> AMAZON </h1></strong></center>  
<right>  
<table align="right">  
<tr>  
<td><h4>user name</td>  
<td><input type="text" ></td>  
<td></td>  
</tr>  
<tr>  
<td><h4>password</td>  
<td><input type="password"></td>  
<td></td>  
</tr>  
<tr>  
<td>  
<form method="post" action="catalog.html" >  
<input type="submit" value="submit" >  
</form>  
</td>  
<td>  
<form method="post" action="reg.html" >  
<input type="submit" value="register" >  
&nbsp;&nbsp;  
<input type="reset" value="reset"></form></td>  
</tr>  
</table>  
</body>  
</html>  
  
Registration page  
  
reg.html:  
<html>  
<head>  
<title>  
login page</title>  
</head>  
<body bgcolor="cyan">  
<center><strong><h1> AMAZON </h1></strong></center>  
<form method="post" action="catalog.html" >  
<right>  
<table align="left">  
<tr>  
<td><h4>user name</td>  
<td><input type="text" ></td>  
<tr>  
<tr>  
<td><h4>password</td>  
<td><input type="password"></td>  
</tr>  
<tr>  
<td><h4>confirm password</td>  
<td><input type="password"></td>  
</tr>  
<tr>  
<td><h4>male &nbsp;&nbsp;  
<option >  
<input type="radio" name="sex" id="male"></td>  
<td><h4>female &nbsp; &nbsp;  
<input type="radio" name="sex" id="female" ></td>  
</option>  
</tr>  
<tr>  
<td>Address</td>  
<td><textarea name="address" rows=5 cols=19>  
</textarea>  
</td>  
<tr>  
<td>  
<input type="submit" value="submit" ></td>  
<td>  
<input type="reset" value="reset"></td>  
</tr>  
</form>  
</body>  
</html>  
  
Userprofile  
  
userprofile.html  
<html>  
<head>  
<title>  
userprofile</title>  
</head>  
<body bgcolor="cyan"> <center>  
<strong><h1>Welcome to AMAZON Online Book Store </h1></strong></center>  
Edit your profile here...  
<form method="post" action="catalog.html" >  
<right>  
<table align="left">  
<tr>  
<td><h4>Edit user name</td>  
<td><input type="text" ></td>  
<tr>  
<tr>  
<td><h4>Edit password</td>  
<td><input type="password"></td>  
</tr>  
<tr>  
<option >  
<td><h4>male &nbsp;&nbsp;  
<input type="radio" name="sex" id="male"></td>  
<td><h4>female &nbsp; &nbsp;  
<input type="radio" name="sex" id="female" ></td>  
</option>  
</tr>  
<tr>  
<td>Edit Address</td>  
<td><textarea name="address" rows=5 cols=19>  
</textarea>  
</td>  
<tr>  
<td>  
<input type="submit" value="submit" ></td>  
</tr>  
</form>  
</body>  
</html>  
  
  
Books catalog  
Catalog.html:  
<html>  
<head>  
<title>  
books catalog</title>  
</head>  
<body bgcolor="cyan">  
<center><h1>AMAZON</h1></center>  
<form method="post" action="shopping.html">  
<left>  
<table>  
<tr>  
<td><b><h3>frontend books</td>  
<td></td></tr>  
<tr>  
<td></td>  
<td><h4>C&Ds</td>  
</tr>  
<tr>  
<td></td>  
<td><h4>Ads</td>  
</tr>  
<tr>  
<td></td>  
<td><h4>JAVA  
</td></tr>  
<tr>  
<td><b><h3>backend books</td>  
<td></td>  
</tr>  
<tr>  
<td></td>  
<td><h4>Oracle</td>  
</tr>  
<tr>  
<td></td>  
<td><h4>Ms SQL Server  
</td></tr>  
<tr>  
<td></td>  
<td><h4>MySql </td>  
</tr>  
</table>  
</h4>  
<center>  
<b>for buy one of these books  
<br>  
</b><input type="submit" value="click here">  
</center>  
</form>  
</body>  
</html>  
  
Shopping cart  
  
Shopping.html:  
<html>  
<head><title>shopping cart</title>  
</head>  
<body bgcolor="cyan">  
<center><h1>  
Shopping Cart</h1></center>  
<br><br><br><br><br>  
<table align="center">  
<tr>  
<td>Text Books</td>  
<td>  
<select >  
<optgroup label="select the book">  
<option value="C&Ds">C&Ds  
<option value="Ads">Ads  
<option value="Java">Java  
<option value="Oracle">Oracle  
<option value="Ms SQL Server">Ms SQL Server  
<option value="MySql">MySql  
</optgroup>  
</select>  
</td></tr>  
<tr>  
<td>  
Quantity</td>  
<td>  
<input type="text" id="q">  
</td></tr>  
<tr>  
<td></td>  
<td>  
<form method=post action="payment.html">  
<input type="submit" value=ok />  
</form>  
</td></tr>  
</table>  
<center>  
<pre>Cost of one book is"500" + shipping "100"</pre>  
</center>  
<body>  
</html>  
  
  
Payment by credit card  
  
Payment.html:  
<html>  
<head><title>payment</title></head>  
<body bgcolor="cyan">  
<center><h1>Payment By Credit Card</h1></center>  
<form method=post action="ordrconform.html">  
<br><br><br><br><br>  
<table align="center">  
<tr>  
<td>  
<h4>Total Amount</h4></td>  
<td><input type="text">  
</td>  
</tr>  
<tr>  
<td><h4>Credit Card Number</td>  
<td><input type="text"></td>  
</tr>  
<tr>  
<td>  
</td>  
<td><input type="submit" value=OK>  
</td>  
</tr>  
</table>  
</form></body>  
</html>

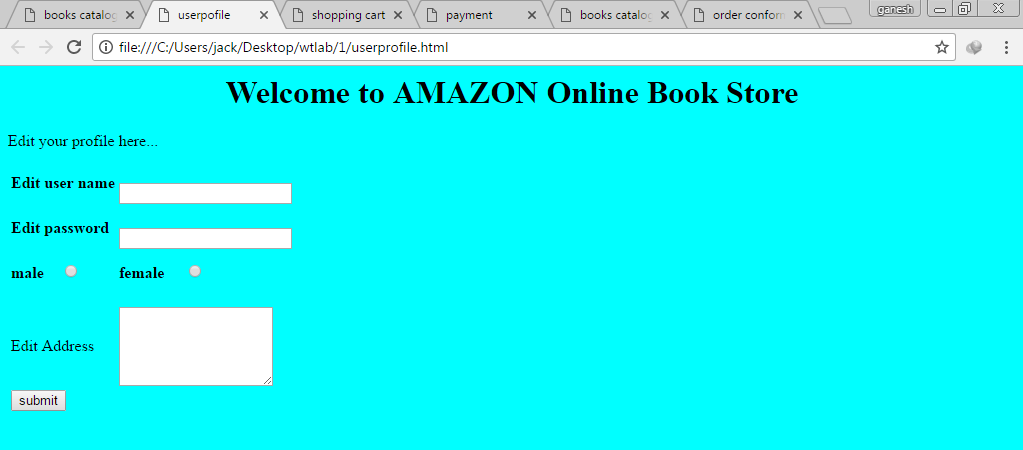
Order Conformation  
  
Ordrconform:  
<html>  
<head><title>order conformation</title><M/head>  
<body bgcolor="cyan">  
<center>  
<h1><b>BOOK SHOPPING</h1>  
<pre><strong>  
<b>Your order Is Conformed  
</strong></pre>  
<h2><b>THANK YOU</h2>  
</center>  
</body></html>

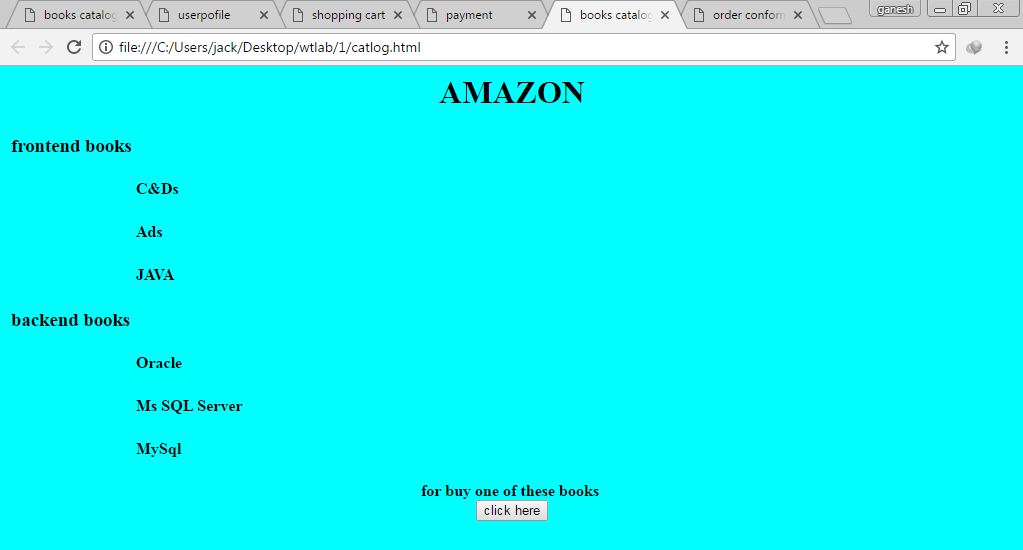
**output:**

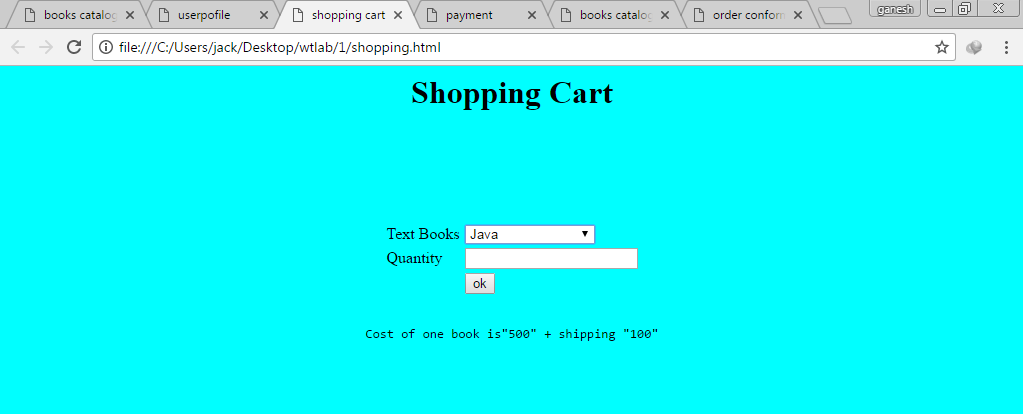




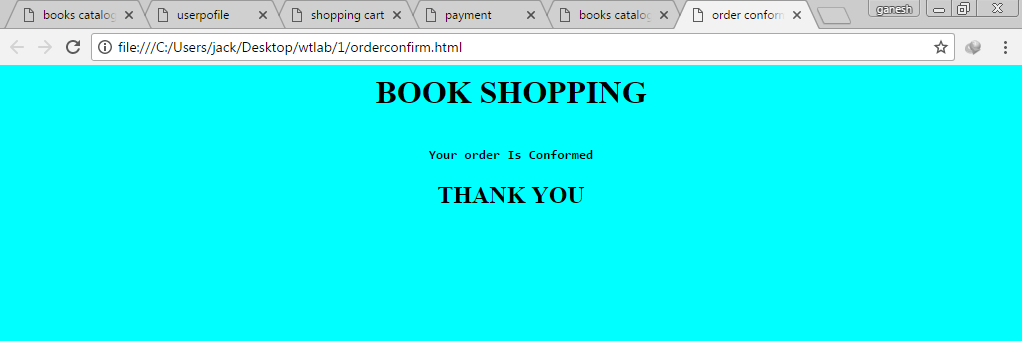












Program 6:-

**Write program for form validation of registration form using JavaScript**

**Program Name:- Write program for form validation of registration form using JavaScript**

<html>

<body bgcolor="pink">

<form action="" method="" onsubmit="validation()" name="myform">

enter your name<input type="text" id="uname">

<br><br>

Password<input type="password" id="pwd">

<br><br>

Confirm Password<input type="password" id="cpwd">

<br><br>

Mobile Number<input type="text" id="mob">

<br><br>

Email Id<input type="text" id="email">

<br><br>

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

</form>

<script>

function validation(){

var name=document.getElementById('uname').value;

var pass=document.getElementById('pwd').value;

var cpass=document.getElementById('cpwd').value;

var mobile=document.getElementById('mob').value;

var email=document.getElementById('email').value;

if(name=="")

{

alert("enter ur name");

}

if((name.length < 8)||(name.length > 20)){

alert("enter the length must be between 8 and 20");

}

if(!isNaN(name))

{

alert("only characters are allowed");

}

if(pass=="")

{

alert("enter ur name");

}

if((pass.length < 6)||(pass.length > 20)){

alert("password length must be between 8 and 20");

}

if(cpass!=pass){

alert("password and confirm password are not same");

}

if(isNaN(mobile)){

alert("mobile number should be digit");

}

if(mobile.length!=10){

alert("mobile number should be of 10 digits");

}

if(email.indexOf('@')<=0){

alert("improper mail id");

}

else

alert("you good to go");

}

</script>

</body>

</html>

Output:-

