

## EXPERIMENT:

### 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;
    }
}
```



2, 3, 5, 7, 11, 13, 17, 19, 23, 29, 31, 37, 41, 43, 47,

✓  
?>

Output:

EXPERIMENT -

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

2.6. php script to find the Count no of words in a string

```
<?php
```

```
$str = "Hello friend, 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, 'ááãç')); 
```

```
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] => no!

[14] => you're

[20] => looking

[46] => good!

[51] => today

Array

[0] => Hello

[1] => friend!

[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 strlen()
```

```
function Reverse($str){  
    return strlen($str);  
}
```

```
// Driver Code
```

```
$str = "GeeksforGeeks";  
echo Reverse($str)  
?>
```

Output:

skedGrofkskeG

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 -

PROBLEM STATEMENT:

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

Array

```
(
[0] => 20
[1] => 15
[2] => 7
[3] => 6
[4] => 5
[5] => 4
[6] => 3
[7] => 3
[8] => 1
[9] => 1
```

```
$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);
```

EXPERIMENT -

PROBLEM STATEMENT:

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

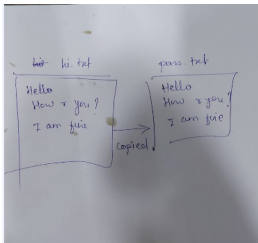
AM: reads data from one file and write into another file

< ?php

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

```
$secondfile = fopen("C:\Users\Herna\Desktop\pass.txt", "w") or
```





O/P:-

## EXPERIMENT -

### PROBLEM STATEMENT:

Develop static pages (using Only HTML) of an online book store. The pages should resemble: [www.amazon.com](http://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 Confirmation

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

[illegible]

## 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
```



</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"> <div> <table> <tr> <td><h3>frontend  
books</td> <td></td></tr> <tr> <td></td> <td><h3>C&DS</td>  
<tr> <tr> <td></td> <td><h3>AbS</td> </tr> <tr>  
<td></td> <td><h3>JAV&A</td> </tr> <tr> <td><h3>backend  
books</td> <td></td></tr> <tr> <td></td> <td><h3>Oracle</td>  
<tr> <tr> <td></td> <td><h3>MS SQL Server </td></tr>  
<tr> <td></td> <td><h3>MySql </td> </tr> </table> </div>  
<center> <div>for buy one of these books <div> </div><input ty-  
pe="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> <div><div><div><div><div> <table align="center">  
<tr> <td>Text Books</td> <td> <select> <optgroup label="Select  
the book"> <option value="C&DS">C&DS <option value="AbS">AbS  
<option value="Java">Java <option value="Oracle">Oracle <op-  
tion value="MS SQL Server">MS SQL Server <option

```

value="MySql">MySql </p></group> </select> </td></tr> <tr>
<td> Quantity</td> <td> <input type="text" id="q"> </td></tr>
<tr> <td></td> <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="orderconfirm.html">
<tr><tr><tr><tr><tr> <table align="center"> <tr> <td>
<h4>Total Amount</h4></td> <td> <input type="text"> </td>
</tr> <tr> <td> <h4>Credit Card Number</h4> <td> <input
type="text"></td> </tr> <tr> <td> </td> <td> <input
type="submit" value=OK> </td> </tr> </table> </form> </body>
</html>

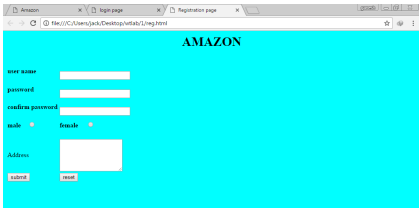
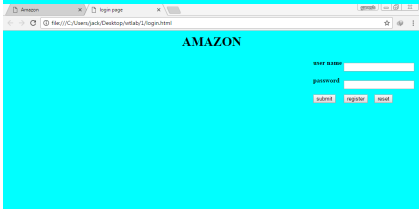
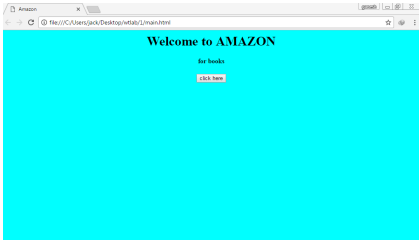
```

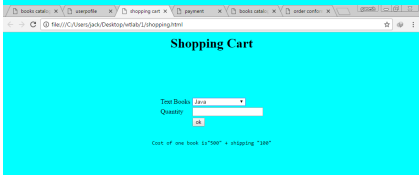
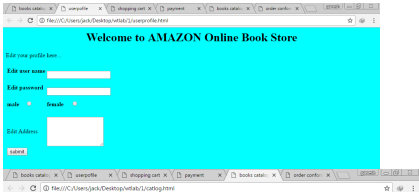
### Order Confirmation

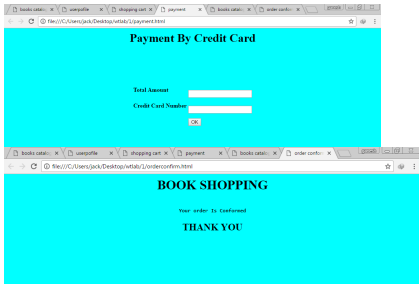
```

Orderconfirm: <html> <head> <title>order confirmation</title></head>
<body bgcolor="cyan"> <center> <h1><b>BOOK SHOPPING</b></h1>
<pre><strong> <b>Your order is Confirmed</strong></pre>
<h2><b>THANK YOU</b></h2> </center> </body> </html>

```







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(modle)){
```

```
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:-

