

I N D E X

Sl No.	Name of the Experiment	Page No.	Date of Experiment	Date of Submission	Remarks
01.	Home page development Static page (using only HTML) of an online Book Store.	01 to 06			
02.	Write a JavaScript to design a simple calculator to perform the following operations: Sum, product, difference & quotient.	07 to 11			
03.	Write a PHP program to display a digital clock which displays the current time of server.	12 to 16			
04.	Write a HTML code to display your CV on a web page.	17 to 21			
05.	Write an XML program to display program.	22 to			

Objective:- Home page development static pages of an Online Book Store. The website should consist the following pages:

- Registration & User login
- User Profile Page
- Books Catalog.
- Shopping Cart
- Payment by Credit Card.
- Order Confirmation.

PROGRAM:-

Source Code for home page:-

```

<html>
<head>
<title> ONLINE BOOK STORES </title>
</head>
<body bgcolor = "pink">
<FRAMESET ROWS = "20%,*">
</FRAMESET> <H1 ALIGN = "Center" ><U><Font Color = "Purple">
Welcome to Online book Shopin Shopping </Italic></Italic>.
</U> </Font> </H1>
<H2> <Font color = "white"></Font> </H2>
<H3 ALIGN = "Center"> <A HREF = "reg.html"> <B></B>
<Font color = "black"> <Italic> Registration Form </font> </Italic>
<b> </b>.

```

```

<BR><BR> <A HREF = "USER profile.html"><font color="black">
  <I> USER PROFILE </font> </I><br>
<br><br> <A HREF = "book catalog.html"><font color="black">
  <I> Book Catalog </font> </I> <br>
<br><br> <A HREF = "confirm.HTML"><font color="black">
  <I> BOOKS CART </font> </I> <br>
<br><br> <A HREF = "payment.HTML"><font color="black">
  <I> Payment </font> </I> <br>
  </body>
  </html>.

```

Source Code for Registration & USER Login:-

```

<html>
  <head>
    <center><u><h1>Registration Form </h1></u></center>
  </head>
  <body>
    <fieldset width = 300><legend class = heading>Registration Form
    </legend>.
    <form action = "http://localhost:8080/Servlet-examples/Aaditya-
      UserProfile">
      <pre class = "reg">
        First Name : <input type = "text" size = 30 >
        Last Name : <input type = "text" size = 30 >

```

Age = `<input type = "text" size = 30 on Focus = "Aadi disp 1" >`

Email id : `<input type = "email" size = 30 >`

Address : `<textarea cols = 50 rows = 3 > </textarea >`

Phone : `<input type = "text" size = 30 >`

Occupation : `<input type = "text" size = 30 >`

`<input type = "radio" name = "agree" value = "i agree" > I agree`
 Terms & Conditions `<input type = "radio" name = "agree"`
`value = "i disagree" > I disagree`

`<input type = "Submit" value = "Submit" >`

`<input type = "Reset" value = "Reset" >`

`</form >`

`</fieldset >`

`</body >`

`</html >`

Source Code for User login :-

`<html >`

`<head > <center >`

` <h1 > <u > User login </u >`

`</h1 > </center >`

`</head >`

`<form method = "Post" Action = "http://localhost:8080/Servlet-examples/Aadi" >`

```

<bg color = "blue">
<pre>
Enter name : <input type = "text" name = "name" size = 15 > <br>
Enter Password : <input type = "password" name = "pwd"
Size : 15 > <br>
<input type = Submit name = Sbrut value = "Login">
</pre>
</form>
</body>
</html>

```

Source Code for Books Catalog:-

```

<html>
<head> </head>
<body>
<center><font color = "red" size = 7 face = "vivaldi" ><b><i>Book
Catalog </i> </font></center> </b>
<table>
<td> <img src = java.jpg width = 100 > </td> <td> <b>
Java Complete <br> references </b>
<ul> <pre> <li> <font color = "blue"> Author : btangathar </font>
<li> <font color = "blue"> edition : 2009 </font>
<li> <font color = "blue"> price : 450 </font>
<li> <font color = "blue"> Publisher : Ideal Publisher </pre> </font>
</ul>

```

```
<td><pre><b> add to cart </b>
<img src = "click.gif" </pre></td>
</td>
```

```
<tr>
```

```
<td><img src = "vbnet.gif" width = 80 ></td><td><b>
Visual Basic </b>
```

```
<ul><pre><li><font color = blue > Author : Kiran </font>
```

```
<li><font color = blue > edition = 2007 </font>
```

```
<li><font color = blue > price = 850 </font>
```

```
<li><font color = blue > Publisher : gangi publishers </pre>
</font></pre></ul>
```

```
<td><pre><b> add to cart </b>
```

```
<img src = "click.gif" ></pre></td>
</tr>
```

```
<tr>
```

```
<td><img src = "quick.gif" width = 80 ></td><td><b> web Technology
& Designing </b><ul><pre><li><font color = blue >
```

```
Author : Kiran - bangadhar </font>
```

```
<li><font color = blue > edition : 2007 </font>
```

```
<li><font color = blue > Price : 595 </font>
```

```
<li><font color = blue > Publisher : Jyoti Publication </pre>
</font></pre>
```

```
</ul>
```

```
<td><pre><b> add to cart </b>
```

```
<img src = "click.gif" ></pre></td>
</tr>
```

```
<tr>
```

```
<td></td><td><b>Harry  
reference to java </b>
```

```
<ul><pre><li><font colour=blue> Author : Harry Benny </font>
```

```
<li><font colour=blue> edition : 2011 </font>
```

```
<li><font colour=blue> . Price : 695 </font>
```

```
<li><font colour=blue> Publisher : Oxford </pre></font>
```

```
</ul>
```

```
<td><pre><b> add to cart </b>
```

```
 </pre></td>
```

```
</tr>
```

```
</table>
```

```
</body>
```

```
</html>
```

Outcome:

To learn the development process of Home page
Using HTML Only.

Objective:- Write a javascript to design a simple calculator to perform the following functions:- Sum, product, difference & quotient....

Explanation:- This program demonstrate the use of embedding javascript inside a webpage designed using HTML.

The usefulness of java script in client-side computations for small tasks displaying results in its own graphical window, rendering the output to the web pages dynamically & requesting for input from the user are illustrated through this program.

Program:-

```

<html>
<script type = text/javascript src = l.js>
</script>
<body>
<table border>
<tr>
<td colspan = 4> <input type = text id = mes size
= 16 onfocus = "this.blur();" > </td>
</tr>
<tr>
<td> <input type = button id = b1 value = 0 size = 2 onclick
= f('0') > </td>

```

```

<td><input type = button id = b2 value = 1 size = 2 onclick = f('1')></td>
<td><input type = button id = b3 value = 2 size = 2 onclick = f('2')></td>
<td><input type = button id = b4 value = 3 size = 2 onclick = f('3')></td>
</tr>

```

```

<tr>

```

```

<td><input type = button id = b5 value = 3 size = 2 onclick = f('3')></td>
<td><input type = button id = b6 value = 4 size = 2 onclick = f('4')></td>
<td><input type = button id = b7 value = 5 size = 2 onclick = f('5')></td>
<td><input type = button id = b8 value = 6 size = 2 onclick = f('-')></td>
</tr>

```

```

<tr>

```

```

<td><input type value = button id = b9 value = 6 size = 2 onclick = f('6')></td>
<td><input type = button id = b10 value = 7 size = 2 onclick = f('7')></td>
<td><input type = button id = b11 value = 8 size = 2 onclick = f('8')></td>
<td><input type = button id = b12 value = * size = 2 onclick = f('*')></td>
</tr>

```

```

<tr>

```

```

<td><input type = button id = b13 value = 9 size = 2 onclick = f('9')></td>
<td><input type = button id = b14 value = 10 size = 2 onclick = f('10')></td>
<td><input type = button id = b15 value = '=' size = 2 onclick = f('=')></td>
<td><input type = button id = b16 value = '/' size = 2 onclick = f('/')></td>
</tr>

```

```

<tr>

```

```

<td colspan = 4><input type = button value = Clear size = 16 onclick = f('c')></td>
</tr>

```

```
</table>
```

```
</body>
```

```
</html>
```

Java script code: ('js')

```
function f(d)
```

```
{
```

```
  if(d=='c')
```

```
  {
```

```
    document.getElementById('res').value="";
```

```
  return; }
```

```
  res = document.getElementById('res').value;
```

```
  if(res==0 && d==0)
```

```
    return;
```

```
  if(d=='+' || d=='-' || d=='*' || d=='/')
```

```
  {
```

```
    Opr=d;
```

```
    num = parse Float (res);
```

```
    document.getElementById('res').value=d;
```

```
    return;
```

```
  } }
```

```
  if(d=='=')
```

```
  {
```

```
    num1 = parse Float (res);
```

```
    Switch (Opr)
```

```

{
  case '+': ans = num + num1; break;
  case '-': ans = num - num1; break;
  case '*': ans = num * num1; break;
  case '/': ans = parseInt(num/num1); break;
}
  document.getElementById('res').value = ans;
  return;
}
  if (id == '--')
  {
    document.getElementById('res').value *= -1;
    return;
  }
  if (!isNaN(document.getElementById('res').value))
    document.getElementById('res').value += d;
  else
    document.getElementById('res').value = d;
}

```

important javascript function used:-

document.getElementById:- The getElementById() method returns the elements that has the ID attribute with the specified value. This method is one of the most common methods in the HTML DOM and is used almost every time you want to manipulate, or get

info from, an element on your document.

parseFloat():- parseFloat() function parse a string and return an integer. The radix parameter is used to specify which numeral system, to be used for example a radix of 16 indicates that the number in the string should be parsed from a hexadecimal number to a decimal number.

isNaN():- The isNaN function determines whether a value is an illegal number (Not-a-number). This function returns true if the value equates to NaN. Otherwise it return false.

Objective:- Write a PHP program to display clock which display the current time of the Server....

Explanation:- This program fetches the current time from the server. The automatic page refreshing ability of PHP programs based on timers is demonstrated. This feature can be exploited in any other online exam scenarios which are time bound & server time should be shown continuously.

Program:-

HTML file (7.html)

```
<html>
<body>
<iframe src="7.php" frameborder="0" width="200">
</iframe>
</body>
</html>
```

PHP Program (7.php)

```
<?php
date_default_timezone_set('Asia/calcutta');
header("Refresh:1");
$d = date('H:i:s');
echo $d;
?>
```

Function used:-

`date -default-timezone-set (string $timezone-identifier)` - Sets the default timezone used by all date/time functions in a script.

`date()`; The `date()` function formats a local time & date & returns the formatted date string.

Syntax: `date (format, timestamp);`

Parameters,

Required. Specifies the format of the outputted date string. The following characters can be used....

- d; - The day of the month (from 01 to 31),
- D; - A textual representation of a day (three letters),
- j; - The day of month without leading zeros (1 to 31)
- l (lowercase 'L'); - A full textual representation of a day.
- N; - The ISO-8601 numeric representation of a day (1 for Monday, 7 for Sunday ...)
- S; - The English ordinal suffix for the day of the month (2 characters st, nd, rd or th)...

W:- A numeric representation of month day (0 for Sunday, 6 for Saturday).

Z:- The day of year (From 0 through 365)

W1:- The ISO-8601 week number of year (Weeks starting on Monday).

F:- A full textual representation of a number Month (January through December)

m:- A numeric representation of a month (from 01 to 12)

M:- A short textual representation of a month (three letters)

n:- A numeric representation of a month, without leading zeros (1 to 12)....

e:- The timezone identifier (examples: UTC, GMT, Atlantic / Azores)....

I:- ~~Indicates~~ whether the date is in daylight saving time.

O:- Difference to Greenwich Mean Time in hours

P:- Difference to Greenwich time in hours; minutes

etc Many strings.....

header(): The header() function sends a raw HTTP header to a client. It is important to notice that header() must be called before any actual output is sent (In PHP 4 & later, you,

Syntax: header (string, replace, http_response_code).

Parameter

Description:

String: Required. Specifies the header string to send...

replace: Optional. Indicates whether the header should replace previous or add a second header. Default is TRUE. FALSE allows multiple headers of the same type...

http_response_code: Optional. Forces the HTTP response code to the specified value (available in PHP 4.3 & higher.)

Enhancement: The PHP script can be enhanced to graphically display the clock, thus rendering a true digital clock effect...

Modified PHP code:-

< ? PHP

```
date - default - timezone - set ('Asia/calcutta');
```

```
header ("Refresh:1");
```

```
header ("Content - Type : image/png");
```

```
$im = @imagecreate (1600, 800);
```

```
$background - color = imagecolorallocate ($im, 255, 255, 255);
```

```
$str = "Server time is". date ('H:i:sa');
```

```
$Font = "C:/WINDOWS/Fonts/DS-DiViB.TTF";
```

Web Technology lab with Mini Project:-

```
$red = imagecolorallocate ($im, 255, 0, 0);
```

```
imagefttext ($im, 70, 0, 20, 8100, $red, $Font, $str);
```

```
imagepng ($im);
```

```
// frees any memory associated with the image
```

```
imagedestroy ($im);
```

```
?>
```

Aim:- Write a HTML code to display to your CV on a web page:-

Program:-

```

<html>
<head>
<title> RESUME | JOHN DOE </title>
</head>
<body>
<!-- Begin Div for overall Box-->
<div id="resume">
<!-- This Div centers our heading -->
<h1> John Doe </h1>
<h2> 4242 Whila Road </h2>
<h2> Tucson, AZ 85701 </h2>
</br>
<!-- END of Centering Div -->
</div>
<h2> Profile </h2>
<p>

```

Desires a resident position in the Bastyr University Acupuncture & Oriental Medicine Residency Program. Able to be effective in a practice of any size. Draw on experience with a range of patient issues, including additional work in women & child care. Interested in health education for the homeless. Strong desire to contribute to

Teacher's Signature : _____

the success of a program through an ability to initiate & maintain relationships. Creative developer & presenter of educational information.

</p>

</br>

<h2> Education </h2>

<h3> Masters of Acupuncture & Oriental Medicine </br> graduating June 2003 </h3>

<p>

Bastyr University, Kenmore, WA 1999

</p>

Completing an accredited program of course work & supervised practice in Acupuncture & Oriental Medicine. Extensive exposure to issues involving.

women & children.

<h3> Research Project </h3>

Assisted the primary investigator in a double blind, randomized controlled trial conducted at the Bastyr Center for Natural Health that evaluated the

effectiveness of Chinese herbs towards the control of diabetes Mellitus in post Menopausal women. Co-authored the research report that has been Submitted for publication to the Journal of Traditional Chinese Medicine.

Bachelor of Science, Zoology </h3>

<p>

Miami University, Oxford, OH 1991-1995

</p>

Participated in a community service project to increase citizen participation in a clean up campaign.

Served as project leader in a fund raising project sponsored by the University. Student Council towards helping homeless youth return back to school.

</br>

Related Experience </h2>

Bastyr University, Kenmore, WA 1999-present </h3>

Teacher's Signature : _____

<p>

Teaching Assitant

<lp>

Assists professor in the Anatomy & Physiology class.

Answer questions & demonstrate as needed.

<h3> Kennmore Youth Ministry, Kennmore, WA - 2000-2001 </h3>

<p>

Camp Group leader

<lp>

Participated in community youth group activities.

Developed activity programs now utilized by the youth ministry in helping children improve reading skills.

Teacher's Signature : _____

```
<h3> Franciscan Care Center Nursing Home,
```

```
<br/>
```

```
Seattle, WA 1999 - 2000 </h3>
```

```
<p>
```

```
Volunteer Recreation Worker
```

```
</p>
```

```
<ul>
```

```
<li>
```

```
Provided Social Support to patients by reading  
to them, writing letters & visiting with them.
```

```
</li>
```

```
</ul>
```

```
<!-- This Div Centers our link -->
```

```
<div id="bottom">
```

```
<p>
```

```
<a href="index.html"> Resume Home </a> | <a href="#">
```

```
Simple Resume </a> | <a href="resume.html">
```

```
Complex Resume </a> | <a href="code.html" target
```

```
="blank"> See HTML </a> | <a href="resume.css"
```

```
target="_blank"> See CSS </a>
```

```
</p>
```

```
</div>
```

```
<!-- End Centering links -->
```

```
<!-- End Div for Overall Box -->
```

```
</div> </body>
```

```
</html>
```

Aim:~ Write an XML program to display products...

Program:~

```
<?xml-stylesheet href="classic.css">
```

```
<article>
```

```
<headline> A Fairytale </headline>
```

```
<author> John Brown </author>
```

```
<p>
```

Once upon a time, in a kingdom called Pansia
lived a brave King. He loved to play.

```
<instrument> Flute </instruments>
```

One fine day he called his minister to hear
him play the instrument.

```
</p>
```

```
</article>
```

```
article {
```

```
font-family: serif;
```

```
background: white; color: #003
```

```
}
```

```
author {
```

```
font-size: large;
```

```
margin-bottom: 1em
```

```
}
```

Para {

text-indent : 1em;

text-align : justify

}

instument {

font-style : italic

};

