

## EXP 1

**AIM:** Design Login Page using HTML tags: Login page must contain Login field, Password field, Submit and Reset buttons (also include email

```
<html>
<head>
<title> Login Page </title>
<style>
    body { background-color:#9fd5f4; }

</style>
</head>
<body align=center>
<h3><u><b> LOGIN FORM </b></u></h3>
<form>
<label> Username: </label>
<input type="text" name="username">
<br><br>
<label> Email: </label>
<input type="text" name="email">
<br><br>
<label> Password: </label>
<input type="password" name="pswd">
<br><br>
<input type="submit">
<input type="reset">
</form>
</body>
</html>
```

## EXP 2

**AIM:** Design the following static web pages required for an online book store web site. **HOME PAGE:** The static home page must contain three frames.

1) Top frame: Logo and the college name and links to the home page, Login page, Registration page, Catalogue page and Cart page (the description of these pages will be given below). 2) Left frame: At least three links for navigation, which will display the catalogue of respective links. For e.g.: When you click the link "CSE" the catalogue for CSE Books should be displayed in the Right frame. 3) Right frame:

The pages to the links in the left frame must be loaded here. Initially this page contains description of the web site.

Main page

```
<!DOCTYPE html>
<html>
<head>
<title>Home page</title>
</head>
<frameset rows="20, 80">
<frame src="p2_header.html" name="head_page">
<frameset cols="15, 85">
<frame src="p2_left.html" name="dept_page">
<frame src="p2_landing.html" name="des_page">
</frameset>
</frameset>
</html>
```

Header file

```
<!DOCTYPE html>
<html>
<head>
<title>Head Page</title>
<style>
body { background-color:#E2FBFF; }
td { text-align: center; }
</style>
</head>
<body>
<font face="Arial Black" size="3">
<table border="1" cellspacing="0" cellpadding="0" width="100%"><tr>
<td>
<imgsrc="nhcelogo.jpg" width="100" height="80"/>
</td>
<td colspan="4">
<h2>NEW HORIZON COLLEGE OF ENGINEERING</h2>
<h3> Bengaluru </h3>
</td>
```

```

</tr>
<tr>
<td>
<a href="p2_landing.html" target="des_page">HOME</a>
</td>
<td>
<a href="loginpage_with_css.html" target="des_page">LOGIN</a></td>
<td>
<a href="inputform.html" target="des_page">REGISTRATION</a></td>
<td>
<a href="allcart.html" target="des_page">CATALOGUE</a></td>
<td>
<a href="allcart.html" target="des_page">CART</a>
</td>
</tr>
</table>
</font>
</body>
</html>

```

Left file

```

<!DOCTYPE html>
<html>
<head>
<style>
body { background-color:#D6EAF8; }
h1 { padding-bottom: 130px; }
</style>
</head>
<body>
<center>
<h1><a href="allcart.html" target="des_page">CSE</a></h1><h1><a
href="allcart.html" target="des_page">ISE</a></h1><h1><a
href="allcart.html" target="des_page">AIML</a></h1></center>
</body>
</html>

```

Right file

```
<!DOCTYPE html>
<html>
<head>
<style>
body { background-color:#EBF5FB; }
h1 { font-size:40px; }
p { font-size:30px; }
</style>
</head>
<body>
<center>
<h1> Welcome to New Horizon College of Engineering! </h1>
<p>
New Horizon College of Engineering is an Autonomous college
affiliated to Visvesvaraya Technological University (VTU), approved
by the All India Council for Technical Education
(AICTE) & University Grants Commission (UGC). It is accredited
by NAAC with 'A' grade & National Board of Accreditation (NBA). New
Horizon college of Engineering is located in the heart of the
IT capital of India, Bangalore. The college campus is situated in
the IT corridor of Bangalore surrounded by MNCs and IT giants. </p>
<br>
<p>
NHCE has a scenic and serene campus that provides an
environment which is conducive for personal and intellectual
growth. The infrastructure acts as a facilitator for the effective
delivery of the curriculum. NHCE boasts of state-of-the art
facilities for its students. They are given utmost encouragement
in their areas of interest by providing hi-tech facilities backed by
faculty support. </p>
</center>
</body>
</html>
```

## Login form

```
<html>
<head>
<title> Login Page </title>
<style>
    body { background-color:#EBF5FB; }
    h3 { font-size:30px; }
    p { font-size:30px; }
</style>
</head>
<body align=center>
<h3><u><b> LOGIN FORM </b></u></h3>
<form>
<label> Username: </label>
<input type="text" name="username">
<br><br>
<label> Email: </label>
<input type="text" name="email">
<br><br>
<label> Password: </label>
<input type="password" name="pswd">
<br><br>
<input type="submit">
<input type="reset">
</form>
</body>
</html>
```

## Input form

```
<html>
<head>
<title> Login Page </title>
<style>
    body { background-color:#9fd5f4; }
    h3 { font-size:30px; }
    p { font-size:30px; }
```

```
    </style>
</head>
<body align=center>
<h3><u><b> LOGIN FORM </b></u></h3>
<form>
<label> Enter your name: </label>
<input type="text" name="username">
<br><br>
<label> Enter your age: </label>
<input type="number" name="age">
<br><br>
<label> Enter your Password: </label>
<input type="text" name="password">
<br><br>
<label> Enter your address: </label>
<input type="text" name="address" >
<br><br>
<label> Enter your pincode: </label>
<input type="text" name="pincode">
<br><br>
<label> Enter your email ID: </label>
<input type="text" name="email">
<br><br>
<label> Gender: </label>
<input type="radio" name="male">
<label for="m">Male</label>
<input type="radio" name="male">
<label for="m">Female</label>
<br><br>
<label> Language Known: </label>
<input type="radio" name="C">
<label for="">Male</label>
<input type="radio" name="C">
<label for="">Female</label>
<input type="radio" name="C">
<label for="">Male</label>
<input type="radio" name="C">
<label for="">Female</label>
<br><br>
```

```
<input type="submit">
<input type="reset">
</form>
</body>
</html>
```

Cart

```
<!DOCTYPE html>
<html>
<head>
<style> td { text-align:center; }
        body { background-color:#83c4e2; }
        h3 { font-size:30px; }
        p { font-size:30px; }

</style>
</head>
<body>
<center>
<table border=1 style="width:1250px">
<tr>
<th>Cover Page</th>
<th>Book name</th>
<th>Author</th>
<th>Publisher</th>
<th>Price</th>
<th>Add to cart</th>
</tr>
<tr>
<td></td>
<td>Introduction to Algorithms</td>
<td>Thomas H. Cormen</td>
<td>MIT Press</td>
<td>1350</td>
<td></td>
```

```

</tr>
<tr>
<td></td>
<td>Compilers: Principles, Techniques, and Tools</td>
<td>Alfred Aho</td>
<td>Pearson</td>
<td>900</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Programming the World Wide Web</td>
<td>Thomas H. Cormen</td>
<td>Pearson </td>
<td>1050</td>
<td></td>
</tr>
</table>
</center>
</body>
</html>

```

### EXP 3

**AIM: Design CATALOGUE PAGE:** The catalogue page should contain the details of all the books available in the web site in a table. The details should contain the following: 1. Snap shot of Cover Page. 2. Book name 3. Author Name. 4. Publisher. 5. Price. 6. Add to cart button.

```

<!DOCTYPE html>
<html>
<head>
<style> td { text-align:center; }
        body { background-color:#83c4e2; }
        h3 { font-size:30px; }
        p { font-size:30px; }
</style>

```



```

<title>Cart</title>
</head>
<body>
<center>
<table border=1 style="width:1250px">
<tr>
<th>Cover Page</th>
<th>Book name</th>
<th>Author</th>
<th>Publisher</th>
<th>Price</th>
<th>Add to cart</th>
</tr>
<tr>
<td></td>
<td>Introduction to Algorithms</td>
<td>Thomas H. Cormen</td>
<td>MIT Press</td>
<td>1350</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Compilers: Principles, Techniques, and Tools</td>
<td>Alfred Aho</td>
<td>Pearson</td>
<td>900</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Programming the World Wide Web</td>
<td>Thomas H. Cormen</td>
<td>Pearson </td>
<td>1050</td>
<td></td>
</tr>
</table>
</center>

```

```
</body>
</html>
```

#### EXP 4

**AIM:** Design a web page using CSS (Cascading Style Sheets) which includes the following: A. Use different font, styles: In the style definition you define how each selector should work (font, color etc.). Then, in the body of your pages, you refer to these selectors to activate the styles. B. Set a background image for both the page and single elements on the page. C. Control the repetition of the image with the background-repeat property

Demo1

```
<!DOCTYPE html>
<html>
<head>
<style>
/*Simple Selector*/
h1 {
color: red;
}
/*Class Selector*/
h2.myclass_1 {
color: orange;
}
/*Generic Selector*/
.myclass_2 {
color: blue;
}
/*ID Selector*/
#my_h4 {
color: green;
}
/*Pseudo-Class Selector*/
h1:hover {
background-color: red;
color:white;
}
/*Universal Selector*/
```

```
* {  
font-size: 25px;  
}  
</style>  
</head>  
<body>  
<h1> Rahul M Dinesh / 1NH18CS738 </h1>  
<h2 class="myclass_1"> Rahul M Dinesh /1NH18CS738 </h2>  
<h3 class="myclass_2">Rahul M Dinesh / 1NH18CS738 </h3>  
<h4id="my_h4"> Rahul M Dinesh / 1NH18CS738</h4>  
<h5> Rahul M Dinesh / 1NH18CS738 </h5>  
</body>  
</html>
```

## Demo2

```
<!DOCTYPE html>  
<html>  
<head>  
<style>  
body {  
background-image:url("cse.png")  
}  
</style>  
</head>  
<body>  
<h1> Welcome to Department of CSE, NHCE!</h1>  
</body>  
</html>
```

## Demo3

```
<!DOCTYPE html>  
<html>  
<head>  
<style>
```

```

body {
background-image:url("cse.png");
background-repeat:no-repeat;
background-repeat:repeat-y;
background-repeat:repeat-x;
}
</style>
</head>
<body>
<h1> Welcome to Department of CSE, NHCE! </h1>
</body>
</html>

```

## EXP 5

**AIM:** Write an HTML page that contains a selection box with a list of 5 countries. In the above page, when the user selects a country, its capital should be printed next to the list. Also add CSS to customize the properties of the font

```

<html>
<head>

<title> Country & Capital </title>

<script type = "text/javascript">
function OnDropDownChange(dropDown)
{
var selectedValue = dropDown.options[dropDown.selectedIndex].value;
document.getElementById("SelectedCapitaltxt").innerHTML =
selectedValue;
}
</script>
</head>
<body>
<form action= "">
<select name="Countries" onChange = "OnDropDownChange(this);">
<option value=""> ..Select a country...</option>
<option value="New Delhi"> India </option>
<option value="Washington D.C."> United States </option>

```

```

<option value="London"> United Kingdom </option>
<option value="Jerusalem"> Israel </option>
<option value="Moscow"> Russia </option>
</select>
<h1 style="color: rgb(255, 0, 195); font-family: verdana; font-size:
20pt;"
id="SelectedCapitaltxt" type="text"></h1>
</form>
</body>
</html>

```

## EXP 6

**AIM:** Write an HTML page including java script that takes a given set of integer numbers and shows them after sorting in descending and ascending order

```

<!DOCTYPE html>
<html>
<head>
<title>JS Sort Numbers</title>
</head>

<body>
    <center>
        <h2>JavaScript Array Sort</h2>
<p>Click the button to sort the array.</p>
<button onclick="Descending()">Descending Order</button>
<button onclick="Ascending()">Ascending Order</button>
<p id="demo"></p>
    </center>

<script type = "text/javascript">
var points = [90, 80, 60, 70, 20, 40, 50, 100, 10, 30];
document.getElementById("demo").innerHTML = points.join(", ");
function Descending()
{
points.sort(function(a, b){return b - a});
document.getElementById("demo").innerHTML = points.join(", ");

```

```

}

function Ascending()
{
points.sort(function(a, b){return a - b});
document.getElementById("demo").innerHTML = points.join(", ");
}
</script>
</body>
</html>

```

## EXP 7

**AIM:** Design an XML document to store information about Airline system which has the following information: airline number, name, destination, year of manufacturing, price. Create sample data for three airlines. Create CSS style

xml

```

<?xml version="1.0" ?>
<?xml-stylesheet type="text/css" href="style.css" ?>

<airline>
<ad><program>Airline Information System</program></ad>
<info>
<ad><heading> American Airlines </heading></ad>
<ad> Flight number: <Anumber> AA001 </Anumber></ad>
<ad> Name: <name> Rahul M Dinesh </name></ad>
<ad> Destination: <dest> Seattle </dest></ad>
<ad> Year Of Manufacturing: <yom> 2010 </yom></ad>
<ad> Price: <price> 1,20,000 </price></ad>
</info>

<info>
<ad><heading> Emirates </heading></ad>
<ad> Flight number: <Anumber> EK101 </Anumber></ad>
<ad> Name: <name>RohithArsha</name></ad>
<ad> Destination: <dest> Dubai </dest></ad>
<ad> Year Of Manufacturing: <yom> 2012 </yom></ad>

```

```

<ad> Price: <price> 90,000 </price></ad>
</info>

<info>
<ad><heading> British Airways </heading></ad>
<ad> Flight number: <Anumber> BA001</Anumber></ad>
<ad> Name:<name>Shivanand GPrabhu</name></ad>
<ad> Destination: <dest>London </dest></ad>
<ad> Year Of Manufacturing: <yom> 2016</yom></ad>
<ad> Price: <price> 1,00,000</price></ad>
</info>

</airline>

```

Css

```

ad {
  display: block;
  font: bold 20px Times;
  color: brown;
  line-height: 30px;
}

program {
  text-decoration: underline;
  font-size: 30px;
  color: red; }

heading {
  font: bold 25px Times;
  color: blue; }

airline {
  margin-top: 10px;
  margin-left: 10px;
  color: black; }

info {
  color: gray;

```

```
padding: 100px; }

Anumber, name {
color: red;
font-size: 20px;
font-weight: normal; }

dest {
color: blue;
font-size: 20px;
font-weight: normal; }

yom, price {
color: green;
font-size: 20px;
font-weight: normal; }
```

## EXP 8

**AIM:** Design an XML document to store information about patients in a hospital. Information about patients must include name (in 3 parts, first name, middle name, last name), age, room number, primary insurance company – including member identification number, group number, known medical problems, and known drug allergies. Both attributes and nested tags must be included. Create a CSS style sheet for the above XML document and use it to create a display of that document.

```
<?xml version="1.0"?>
<?xml-stylesheet type="text/css" href="style.css"?>

<hospital>
<ad><heading> Hospital - Patient Data </heading></ad>
<ad>-----</ad>

<patient>
<ad><heading_small> Name </heading_small></ad>
<name>
<ad1>First name: <fname>Aishwarya</fname></ad1>
<ad1>Midle name: <mname>Satish</mname></ad1>
<ad1>Last name: <lname> Kumar </lname></ad1>
```



```
</name>
<ad>Age: <age> 23 </age></ad>
<ad>Room number: <rnum> 201 </rnum></ad>
<ad><heading_small> Primary Insurance </heading_small></ad>

<insurancecompany type="primary">
<adl>Insurance name: <insurancename> LIC</insurancename></adl>
<adl>Primary ID: <pnum>15647 </pnum></adl>
<adl>Group ID: <gnum> 54 </gnum></adl>
</insurancecompany>

<ad><heading_small> Secondary Insurance</heading_small></ad>
<insurancecompany type="secondary">
<adl>Insurance name: <insurancename> HDFC</insurancename></adl>
<adl>Primary ID: <pnum> 564</pnum></adl>
<adl>Group ID: <gnum> 9462 </gnum></adl>
</insurancecompany>

<ad>Existing medical problems: <medicalprobs>
Asthma</medicalprobs></ad>
<ad>Existing allergies: <knownallergies> Dust</knownallergies></ad>
</patient>

<ad>-----</ad>

<patient>
<ad><heading_small> Name </heading_small></ad>
<name>
<adl>First name: <fname> Johnathan </fname></adl>
<adl>Midle name: <mname> H </mname></adl>
<adl>Last name: <lname> Smith </lname></adl>
</name>
<ad>Age: <age> 64 </age></ad>
<ad>Room number: <rnum> 501 </rnum></ad>
<ad><heading_small> Primary Insurance </heading_small></ad>
<insurancecompany type="primary">
<adl>Insurance name:<insurancename>Dhanalaxmi</insurancename></adl>
<adl>Primary ID: <pnum> 746 </pnum></adl>
<adl>Group ID: <gnum> 74 </gnum></adl>
```

```

</insurancecompany>

<ad><heading_small> Secondary Insurance</heading_small></ad>
<insurancecompany
type="secondary"><ad1>Insurance name:<insurancename> LIC
Jeevan</insurancename></ad1>
<ad1>Primary ID: <pnum> 23 </pnum></ad1>
<ad1>Group ID: <gnum> 647 </gnum></ad1>
</insurancecompany>

<ad>Existing medical problems: <medicalprobs>
Diabetes</medicalprobs></ad>
<ad>Existing allergies: <knownallergies>Azithromycin
</knownallergies></ad>
</patient>

<ad>-----</ad>

<patient>
<ad><heading_small> Name </heading_small></ad>
<name>
<ad1>First name: <fname> Shiv </fname></ad1>
<ad1>Midle name: <mname> Shankar </mname></ad1>
<ad1>Last name: <lname> Narayan </lname></ad1>
</name>
<ad>Age: <age> 35 </age></ad>
<ad>Room number: <rnum> 201 </rnum></ad>
<ad><heading_small> Primary Insurance </heading_small></ad>
<insurancecompany type="primary">
<ad1>Insurance name: <insurancename> SBI Life</insurancename></ad1>
<ad1>Primary ID: <pnum> 57465</pnum></ad1>
<ad1>Group ID: <gnum> 5434 </gnum></ad1>
</insurancecompany>
<ad><heading_small> Secondary Insurance </heading_small></ad>

<insurancecompany type="secondary">
<ad1>Insurance name:<insurancename> Axis Health
</insurancename></ad1>
<ad1>Primary ID: <pnum> 732 </pnum></ad1>

```

```

<adl>Group ID: <gnum> 124 </gnum></adl>
</insurancecompany>
<ad>Existing medical problems: <medicalprobs> High B.P.
</medicalprobs></ad><ad>Existing allergies:
<knownallergies>Paracetamol</knownallergies></ad></patient>
<ad>-----</ad>
</hospital>

```

Css

```

ad { display:block; font: bold 20px Times; color: brown; line-
height:30px; }

heading { font: bold 25px Times; color:blue; text-decoration:
underline; }

adl { display:block; font: bold 20px Times; color: brown; line-
height:30px;
padding-left:35px; }

heading_small { font: bold 20px Times; color:purple; }

patient { color:gray; padding: 100px; }

fname, mname, lname { color:red; font-size:20px; font-weight:
normal; }

age, rnum { color:fuchsia; font-size:20px; font-weight: normal; }

insurancename, pnum, gnum { color:blue; font-size:20px; font-weight:
normal; }

medicalprobs, knownallergies { color:green;font-size:20px; font-
weight: normal; }

```

## EXP 9

**AIM:** Create the XSLT style sheet to format all the patient elements of the XML, document of program 8 and use it to create a display of whole element (XML file)

XML

```
<?xml version="1.0"?>
<?xml-stylesheet type="text/xsl" href="style.xsl"?>

<hospital>
<patient>
<name>
<fname>Aishwarya</fname>
<mname>Satish</mname>
<lname> Kumar </lname>
</name>
<age> 23 </age>
<rnum> 201 </rnum>
<insurancecompany type="primary">
<insurancename> LIC </insurancename>
<pnum> 15647 </pnum>
<gnum> 54 </gnum>
</insurancecompany>
<insurancecompany type="secondary">
<insurancename> HDFC </insurancename>
<pnum> 564 </pnum>
<gnum> 9462 </gnum>
</insurancecompany>
<medicalprobs> Asthma </medicalprobs>
<knownallergies> Dust </knownallergies>
</patient>
<patient>
<name>
<fname> Johnathan </fname>
<mname> H </mname>
<lname> Smith </lname>
</name>
<age> 64 </age>
<rnum> 501 </rnum>
<insurancecompany type="primary">
<insurancename>Dhanalaxmi</insurancename>
<pnum> 746 </pnum>
<gnum> 74 </gnum>
</insurancecompany>
```

```

<insurancecompany type="secondary">
<insurancename> LIC Jeevan</insurancename>
<pnum> 23</pnum>
<gnum> 647 </gnum>
</insurancecompany>
<medicalprobs> Diabetes </medicalprobs>
<knownallergies> Azithromycin
</knownallergies></patient>
<patient>
<name>
<fname> Shiv </fname>
<mname> Shankar </mname>
<lname> Narayan </lname>
</name>
<age> 35 </age>
<rnum> 201 </rnum>
<insurancecompany type="primary">
<insurancename> SBI Life </insurancename>
<pnum> 57465 </pnum>
<gnum> 5434 </gnum>
</insurancecompany>
<insurancecompany type="secondary">
<insurancename> Axis Health </insurancename>
<pnum> 732 </pnum>
<gnum> 124 </gnum>
</insurancecompany>
<medicalprobs> High B.P. </medicalprobs>
<knownallergies>Paracetamol</knownallergies>
</patient>
</hospital>

```

XSL

```

<?xml version="1.0" encoding="UTF-8"?>
<xsl:stylesheet version="1.0" xmlns:xsl="http://www.w3.org/1999/XSL/Transform">
<xsl:template match="/">
<html>
<head>
<style>
td {
text-align: center;;
}
</style>
</head>
<body>

```

```

<h2>Hospital patients</h2>
<table border="1">
<tr bgcolor="yellow">
<th colspan="3">Name</th>
<th rowspan="2">Age</th>
<th rowspan="2">Room number</th>
<th colspan="3">Primary Insurance</th>
<th colspan="3">Secondary Insurance</th>
<th rowspan="2">Existing Medical Problems</th>
<th rowspan="2">Existing Allergies</th>
</tr>
<tr bgcolor="yellow">
<th>First Name</th>
<th>Middle Name</th>
<th>Last Name</th>
<th>Insurance Name</th>
<th>Personal ID</th>
<th>Group ID</th>
<th>Insurance Name</th>
<th>Personal ID</th>
<th>Group ID</th>
</tr>
<xsl:for-each select="hospital/patient">
<tr>
<td> <xsl:value-of select="name/fname"/> </td>
<td> <xsl:value-of select="name/mname"/> </td>
<td> <xsl:value-of select="name/lname"/> </td>
<td> <xsl:value-of select="age"/> </td>
<td> <xsl:value-of select="rnum"/> </td>
<td>
<xsl:value-of select="insurancecompany[@type='primary']/insurancename"/>
</td>
<td>
<xsl:value-of select = "insurancecompany[@type='primary']/pnum"/>
</td>
<td>
<xsl:value-of select="insurancecompany[@type='primary']/gnum"/>
</td>
<td>
<xsl:value-of select="insurancecompany[@type='secondary']/insurancename"/>
</td>
<td>
<xsl:value-of select="insurancecompany[@type='secondary']/pnum"/>
</td>
<td>

```

```

<xsl:value-of select="insurancecompany[@type='secondary']/gnum"/>
</td>
<td> <xsl:value-of select="medicalprobs"/> </td>
<td> <xsl:value-of select="knownallergies"/> </td>
</tr>
</xsl:for-each>
</table> </body> </html>
</xsl:template> </xsl:stylesheet>

```

## EXP 10

**AIM:** Write PHP program to find transpose of a matrix and addition of two matrix.

```

<?php
$a = array(array(1,2,3),array(4,5,6),array(7,8,9));
$b = array(array(7,8,9),array(4,5,6),array(1,2,3));
$m=count($a);
$n=count($a[2]);
$p=count($b);
$q=count($b[2]);
echo "The first matrix :".<br/>";
for ($row = 0; $row < 3; $row++)
{
    for ($col = 0; $col < 3; $col++)
    echo " ".$a[$row][$col];
    echo "<br/>";
}
echo "The second matrix :".<br/>";
for ($row = 0; $row < $p; $row++)
{
    for ($col = 0; $col < $q; $col++)
    echo " ".$b[$row][$col];
    echo "<br/>";
}
echo "The transpose for the first matrix is:".<br/>";
for ($row = 0; $row < $m; $row++)
{
    for ($col = 0; $col < $n; $col++)
    echo " ".$a[$col][$row];
    echo "<br/>";
}
echo "The addition of matrices is:".<br/>";

```

```

for ($row = 0; $row < 3; $row++)
{
for ($col = 0; $col < 3; $col++)
echo " ".$a[$row][$col]+$b[$row][$col]." ";
echo "<br/>";
}
?>

```

## EXP 11

**AIM:** Develop PHP program to find page HITS (Number of times page visited) and to display the count

```

<?php
session_start();
if (!($_SESSION['views']))
$_SESSION['views']=1;
else
$_SESSION['views']++;
echo"<h1> No of views= $_SESSION[views] </h1> " ;
?>

```

## EXP 12

**AIM:** Create database using MySQL command to perform manipulation operations

Main page

```

<!DOCTYPE html>
<html>
<body bgcolor="aabbcc">
<h3 style="margin:0px;">Recording a Student's details</h3>
<form action = "insert.php" method = "post">
<table border="0">
<tr>
<td>Enter Name:</td>
<td><input type = "text" name = "sname"></td>
</tr>
<tr>
<td>Enter Address Line 1:</td>
<td><input type = "text" name = "address1"></td>

```



```

</tr>
<tr>
<td>Enter Address Line 2:</td>
<td><input type = "text" name = "address2"></td>
</tr>
<tr>
<td>Enter Email-id: </td>
<td><input type = "text" name = "email"></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td><input type = "submit" value = "Submit"></td>
<td><input type = "Reset" value = "Reset"></td>
</tr>
</br>
</table>
</form>
<hr>
<h3>Searching for a Student's details</h3>
<form action = "search1.php" method = "post">
Enter the name to be searched: <input type = "text" name = "search"><br/>
<input type = "submit" value = "Submit">
<input type = "reset" value = "Reset">
</form>
<hr>
<h3 style="margin-bottom:0px;">Updating a Student's details</h3>

<form action = "update.php" method = "post">
<table border="0">
<tr>
<td>Enter the name of the person:</td>
<td><input type = "text" name = "sname"></td>
</tr>
<tr>
<td>Enter new Address Line 1:</td>
<td><input type = "text" name = "address1"></td>
</tr>
<tr>
<td>Enter new Address Line 2:</td>
<td><input type = "text" name = "address2"></td>

```

```

</tr>
<tr>
<td>Enter new Email-id: </td>
<td><input type = "text" name = "email"></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td><input type = "submit" value = "Submit"></td>
<td><input type = "Reset" value = "Reset"></td>
</tr>
</br>
</table>
</form>
<hr>
<h3>Deleting a Student's details</h3>
<form action = "delete.php" method = "post">
Enter the name to be deleted: <input type = "text" name ="sname">
<br/>
<br/>
<input type = "submit" value = "Submit">
<input type = "reset" value = "Reset">
</form>
</body>
</html>

```

Insert

```

<?php
$sname=$_POST["sname"];
$address1=$_POST["address1"];
$address2=$_POST["address2"];
$email=$_POST["email"];
$mysql = mysqli_connect("localhost", "root")
or die("Can't connect to DB");
mysqli_select_db($mysql, "WFTL_P12")
or die("Can't select DB");
mysqli_query($mysql, "insert into student values('$sname',' $address1','
$address2', '$email')")
or die("Query failed to insert");
$result = mysqli_query($mysql,"select * from student");
?>

```

```

<html>
<head><title>PHP and MYSQL</title></head>
<body bgcolor="aabbcc">
<h3>Student Details</h3>
<table border="1">
<tr>
<th>Name</th>
<th>Address Line 1</th>
<th>Address Line 2</th>
<th>E-mail ID</th>
</tr>
<?php

while($array=mysqli_fetch_row($result)):
echo
"<tr>
<td>$array[0]</td>
<td>$array[1]</td>
<td>$array[2]</td>
<td>$array[3]</td>
</tr>";
endwhile;
?>
<?mysqli_free_result($result);?>
<?mysqli_close($mysql);?>
</table>
</body>
</html>

```

## Search

```

<html>
<body bgcolor="aabbcc">
<?php
$search = $_POST["search"];
$mysql= mysqli_connect("localhost","root") or
die(mysqli_error());
mysqli_select_db( $mysql,"WFTL_P12");
$sql= "select * from student where sname like
'%"$search%" " ; $result= mysqli_query($mysql, $sql) ;
if(mysqli_num_rows($result) == 0)
echo "<h1> No records found! </h1>";
else {

```

```

echo "<table border='1'>
<tr>
<th>Name</th>
<th>Addresss1</th>
<th>Addresss2</th>
<th>Email</th></tr> " ;
while($row=mysqli_fetch_array($result))

{
echo "<tr>" ;
echo "<td> $row[sname] </td>" ;
echo "<td> $row[address1] </td>" ;
echo "<td> $row[address2] </td>" ;
echo "<td> $row[email] </td>" ;
echo "</tr>" ;
}
echo "</table>";
}
mysqli_close( $mysql);
?>
</body>
</html>

```

## Update

```

<?php
$name=$_POST["sname"];
$address1=$_POST["address1"];
$address2=$_POST["address2"];
$email=$_POST["email"];
$mysql = mysqli_connect("localhost", "root")
or die("Can't connect to DB");
mysqli_select_db($mysql, "WFTL_P12")
or die("Can't select DB");
$query = "select count(*) from student where sname='$name'";
$count= mysqli_query($mysql, $query);
if (mysqli_fetch_array($count)[0] > 0)
{
$query = "update student set address1='$name', address1='$address1',
address2='$address2', email='$email' where sname='$name' " ;
mysqli_query($mysql, $query);
echo "<h1> Update successful! </h1>";
}

```

```
else
echo("<h1> Name not found! </h1>");
?>
```

Delete

```
<?php
$name=$_POST["sname"];
$mysql = mysqli_connect("localhost", "root")
or die("Can't connect to DB");
mysqli_select_db($mysql, "WFTL_P12")
or die("Can't select DB");
$count= mysqli_query($mysql, "select count(*) from student where
sname='$sname'"); if (mysqli_fetch_array($count)[0] > 0)
{
mysqli_query($mysql, "delete from student where sname='$sname'");
echo "<h1> Delete successful! </h1>";
}
else
echo("<h1> Name not found! </h1>");
?>
```