

III YEAR B.COM WEB TECHNOLOGIES LAB MANUAL

1. Headings

Aim: Create a web page using HTML tags.

Description:

Design a college web page using heading tag and pre tag.

Heading tag:

HTML is having six levels of heading that are commonly used. The largest heading tag is `<h1>`. The different levels of heading tag besides `<h1>` are `<h2>`, `<h3>`, `<h4>`, `<h5>` and `<h6>`. These heading tags also contain attribute called as align.

Pre tag

The **HTML `<pre>` tag** is used for indicating preformatted text.

Program:

```
<!doctype html>
```

```
<html>
```

```
<head>
```

```
<title>College Profile</title>
```

```
</head>
```

```
<body>
```

```
<h2>WELCOME TO SREE CHAITANYA </h2>
```

```
<pre>
```

```
<h3> College Profile </h3>
```

Sree Chaitanya Degree College started in the

year 2016 with a vision to produce technical and Skilled graduates.

```
<h3> Skill Development </h3>
```

Having realized the importance of skills to the graduates, It started implementing skill building programs like Personality development programs, soft skills training to all its students.

```
<h3> Placements </h3>
```

```
Since 2016 college stood top in placements in Kavali town. Students of Sree Chaitanya placed in top MNCs like Infosys, TCS, CTS, Wipro and so on. College also achieved University Ranks.
```

```
</pre>
```

```
</body>
```

```
</html>
```

Output

WELCOME TO SREE CHAITANYA

College Profile

Sree Chaitanya Degree College started in the year 2016 with a vision to produce technical and Skilled graduates.

Skill Development

Having realized the importance of skills to the graduates, It started implementing skill building programs like Personality development programs, soft skills training to all its students.

Placements

Since 2016 college stood top in placements in Kavali town. Students of Sree Chaitanya placed in top MNCs like Infosys, TCS, CTS, Wipro and so on. College also achieved University Ranks.

2. Lists

Aim: Create Ordered and Unordered lists using HTML tags.

Description:

Define courses using order list and unordered list

Lists:

One of the most effective ways of structuring a web site is to use lists. Lists provides straight forward index in the web site.

1. unordered list,
2. ordered list and

Lists can be easily embedded easily in another list to provide a complex but readable structures. The different tags used in lists are explained below.

``

The ordered(numbered) and unordered(bulleted) lists are each made up of sets of list items. This tag is used to write list items

Unordered list:

`<ul type="disc" | "square" | "circle">`

This tag is used for basic unordered list which uses a bullet in front of each tag, every thing between the tag is encapsulated within `` tags.

ordered list,

`<ol type="1" | "a" | "I" start="n">.....`

This tag is used for unordered list which uses a number in front of each list item or it uses any element which is mentioned in the type attribute of the `` tag, start attribute is used for indicating the starting number of the list.

Program:

```
<html>
<body>
<h1>Ordered List </h1>
<OL>
<LI> BA </LI>
<LI> BCOM </LI>
<LI> BSC </LI>
</OL>
<h1>Unordered List </h1>
```

```
<UL>
<LI> BA </LI>
<LI> BCOM </LI>
<LI> BSC </LI>
</UL>
</body>
</html>
```

Output:

Ordered List

1. BA
2. BCOM
3. BSC

Unordered List

- BA
- BCOM
- BSC

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3. Tables

Aim: Design a Table using HTML table tags.

Description:

By using tables to display student marks

TABLES

Tables are defined with the <table> tag. A table is divided into rows (with the <tr> tag), and each row is divided into data cells (with the <td> tag). The letters td stands for "table data," which is the content of a data cell.

Example:

```
<table border="1">
<tr>
<td>Row 1, cell 1</td>
<td>Row 1, cell 2</td>
```

</tr>

</table>

Tags and their Description:

<Table> Defines a table

<th> Defines a table header

<tr> Defines a table row

<td> Defines a table cell

Program:

<html>

<html>

<body>

<h1> Marks Memo </H1>

<table bgcolor=yellow border=1 width=200>

<tr>

<th> Name </th> <th> Rol No </th>

<th> Marks </th>

</tr>

<tr>

<td> Ravi </td> <td> 33 </td>

<td> 500 </td>

</tr>

<tr>

<td> Kiran </td> <td> 44 </td>

<td> 600 </td>

</tr>

<tr>

<td> Raju </td> <td> 55 </td>

<td> 700 </td>

</tr>

</table>

</body>

</html>

Marks Memo

Name	Roll No	Marks
Ravi	33	500
Kiran	44	600
Raju	55	700

4. Personal Profile

Aim: Create Personal Profile Using HTML Tags.

Description:

Using html headings, table tags and list tags design personal profile.

Program:

```
<html>
<body>
<center> <h2>PERSONAL PROFILE</h2> </center>
<table border=0 >
<tr>
<td> Name : </td>
<td> Kiran </td>
</tr>
<tr>
<td> Date Of Birth: </td>
<td> 12/7/1989 </td>
</tr>
<tr>
<td valign=top> Address: </td>
<td> 7/G <br>
Brindavan Colony <br>
Kavali <br>
524201 </td>
</tr>
<tr>
<td> E-mail: </td>
<td> gminformatics@gmail.com </td>
</tr>
```

```
<tr>
<td> Cell No: </td>
<td> 9999999999 </td>
</tr>
```

```
</table>
```

<h4> Educational Qualifications </h4>

```
<table border=1>
```

```
<tr>
```

```
<th> Qualification</th> <th> Percentage </th> <th> School/College </th>
```

```
</tr>
```

```
<tr>
```

```
<td> SSc </td> <td> 75% </td> <td> Visvodaya high School </td>
```

```
</tr>
```

```
<tr>
```

```
<td> Intermediate </td> <td> 88% </td> <td> Sree Chaitanya Junior College </td>
```

```
</tr>
```

```
<tr>
```

```
<td> Degree </td> <td> 90% </td> <td> Sree Chaitanya Degree College </td>
```

```
</tr>
```

```
</table>
```

<h4> Achievements </h4>

```
<ul>
```

```
<li> Participated in NSS camp 4 times </li>
```

```
<li> Donated Blood 3 times </li>
```

```
<li> Won first prize in college cultural competettions </li>
```

```
<li> Received Certificate of Appreciation from Collector </li>
```

```
</ul>
```

<h4> Strengths </h4>

```
<ul>
```

```
<li> I am a quick learner </li>
```

```
<li> Flexible and Hardworking </li>
```

```
<li> I am self driven and a go-getter </li>
```

```
</ul>
```

<h4> Computer Skills </h4>

```
<ul>
```

```
<li> C,C++, HTML,Photoshop, Windows, MS-Office </li>
```


</body>
</html>

Output

PERSONAL PROFILE

Name : Kiran
Date Of Birth: 12/7/1989
Address: 7/G
Brindavan Colony
Kavali
524201
E-mail: gminformatics@gmail.com
Cell No: 9999999999

Educational Qualifications

Qualification	Percentage	School/College
SSc	75%	Visvodaya high School
Intermediate	88%	Sree Chaitanya Junior College
Degree	90%	Sree Chaitanya Degree College

Achievements

- Participated in NSS camp 4 times
- Donated Blood 3 times
- Won first prize in college cultural competetions
- Received Certificate of Appreciation from Collector

Strengths

- I am a quick learner
- Flexible and Hardworking
- I am self driven and a go-getter

Computer Skills

- C,C++, HTML,Photoshop, Windows, MS-Office

5. Images

Aim: Create a webpage and insert an image with width 300 and height 300 and write a small paragraph on that image. Give title as Image

Description:

The tag defines an image in an HTML page.

The tag has two required attributes: src and alt

Program:

```
<html>
<head> <title> IMAGE </title> </head>
<body>
<img src='scdclogo.jpeg' width=300 height=300 alt="image">
<DIV STYLE="position:absolute; top:250px; left:20px;">
<font color=red size=6> Sree Chaitanya Degree College started in the year 2016
<br> and soon it became one of the best college in Nellore District </font>
</DIV>
</body>
</html>
```

Output:



Sree Chaitanya Degree College started in the year 2016
and soon it became one of the best college in Nellore District

6. Forms

Aim: Create a webpage as shown below, which sends email form. This form sends an email to gmail.

Name:

Mail:

Comment:

Description:

FORMS:

HTML Forms are used to collect some data from the site visitor. For example during user registration we collect the information such as name, email address, credit card, etc.

A form will take input from the site visitor and then will post it to a back-end application such as CGI, ASP Script or PHP script etc. The back-end application will perform required processing on the passed data based on defined business logic inside the application.

There are various form elements available like text fields, text area fields, drop-down menus, radio buttons, checkboxes, etc.

`<form action="URL" method = "post" | "get">.....</form>`

Input

The most used form tag is the `<input>` tag. The type of input is specified with the type attribute.

Text Fields

Text fields are used when you want the user to type letters, numbers, etc. in a form.

Program:

```
<html>

<head> <title>      MAIL FORM DEMO </title> </head>

<body>

<form>

<h2> This Form Sends an e-mail to GMAIL </h2>

Name: <BR>
```

```
<input type=text value='yourname'> <BR>
```

Mail:


```
<input type=text value='yourmail'> <BR>
```

Comment:


```
<input type=text size=30 value='your comment'> <BR>
```

```
<input type=submit value='Submit'>
```

```
<input type=reset value='Reset'>
```

```
</form>
```

```
</body>
```

```
</html>
```

Output

This Form Sends an e-mail to GMAIL

Name:

Mail:

Comment:

7. Frames

Aim: Design a frameset using HTML tags.

Description:

FRAMES

With frames, you can display more than one HTML document in the same browser window. Each HTML document is called a frame, and each frame is independent of the others.

The Frameset Tag

The <frameset> tag defines how to divide the window into frames.

The Frame Tag

The <frame> tag defines what HTML document to put into each frame.

Example:

```
<frameset cols="25%, 75 %">
<frame src="frame_a.htm">
<frame src="frame_b.htm">
</frameset>
```

Tags and their Description:

<frameset> Defines a set of frames

<frame> Defines a sub window (a frame)

Note: first create *three files* “a1.html”, “a2.html”, and “a3.html” with some content

Program:

```
<html>

<frameset cols="25%,50%,25%">

<frame src='2.html'>

<frame src='5.html'>

<frame src='3.html'>

</frameset>

</html>
```

Ordered List

1. BA
2. BCOM
3. BSC

Unordered List

- BA
- BCOM
- BSC



Sree Chaitanya Degree College
started in the year 2016
and soon it became one of the best
college in Nellore District

Marks Memo

Name	Rol No	Marks
Ravi	33	500
Kiran	44	600
Raju	55	700

8. Website

Aim: design a website front page

Description:

Design a website front page using various tags.

Program:

```
<html>
```

```
<head><title>gminformatics.com</title>
```

```
</head>
```

```
<center>
```

```
<body>
```

```
<br>
```

```
&nbsp;<br>
```

```
<hr>
```

```
<h3> Home | services | privacy </h3>
```

```
<hr>
```

```
<marquee> <h4> welcome To my Website, Hope You Like It</h4></marquee>
```

<h2>Dear GMinformatics users always type .Com after GMinformatics .Beware of duplicate websites with GMinformatics name.</h2>

<p>GMinformatics is a website. which is provide VSU Previous papers, VSU updates, Materials, Online exams, Latest Job News. These materials will help to students will enhance their knowledge. </p>

<hr>

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</body>

</center>

</html>

Styles.css

<!--styles.css-->

h1

{
font-family:Arial
}

h2

{
font-family:Times New Roman;
color:red;
left:209x
}

h3

{

```
font-family:Arial;
color:blue;
}
p
{
font-size:14pt;
font-family:Monotype Corsiva
}
.special
{
color:green
}
```

Output



[Home](#) | [services](#) | [privacy](#)

welcome To my Website, Hope You Like It

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