



Department of Computer Science and Engineering (Data Science)

AY: 2024-25

Subject: Web Engineering Laboratory

Experiment 1

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(HTML)

Aim: Implement the following using HTML:

1. Create a static web page using HTML.
2. Create a class timetable using HTML.
3. Create a registration form using HTML.
4. Create a web page using HTML5 tags.

Theory:

HTML, or HyperText Markup Language, is the language used for web documents. It is not a programming language, but rather a language that identifies the meaning, purpose, and structure of text within a document.

1. What is HTML?

- A series of tags that are integrated into a text document.
- A series of tags that are integrated into a text document.
- These tags are then read by a Browser, which translates the tags into the formatting that
- they represent

2. What are Tags?

- HTML tags are used to mark-up HTML elements.
- HTML tags are surrounded by the two characters < and >.
- The surrounding characters are called angle brackets.
- HTML tags normally come in pairs like and .
- The first tag in a pair is the start tag; the second tag is the end tag.
- The text between the start and end tags is the element content.
- HTML tags are not case sensitive; means the same as .

3. Structure Tags in HTML

HTML Tag

<HTML></HTML>

These tags begin and end an HTML document.

HEAD Tag

<HEAD></HEAD>



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These tags are in the beginning of the document. Important information is stored in between these tags including: title, meta-data, styles, and programming scripts

TITLE Tag

`<TITLE></TITLE>`

These tags are in-between the HEAD tags and contain the text that appears in the title of the Web page.

BODY Tag

`<BODY></BODY>`

As you may have guessed, the BODY tags contain all the text in the body of the document.

4. Block Level tags

4.1 HTML Headings –

Headings are defined with the `<h1>` to `<h6>` tags.

Where `<h1>` -Defines the largest headings.

`<h6>` -Defines the smallest headings.

4.2 HTML Paragraphs -

Paragraphs are defined with the `<p>` tag.

4.3 HTML Line Breaks -

Use the `
` tag if you want a line break (a new line) without starting a new paragraph.

4.4 Horizontal Rule

The `<hr>` element is used for horizontal rules that act as dividers between sections

HTML uses the `<a>` anchor tag to create a link to another document or web page.

The Anchor Tag and the href Attribute

- An anchor can point to any resource on the Web: an HTML page, an image, a sound file, a movie, etc. The syntax of creating an anchor:
- `Text to be displayed`
- The `<a>` tag is used to create an anchor to link from, the href attribute is used to tell the address of the document or page we are linking to, and the words between the open and close of the anchor tag will be displayed as a hyperlink.



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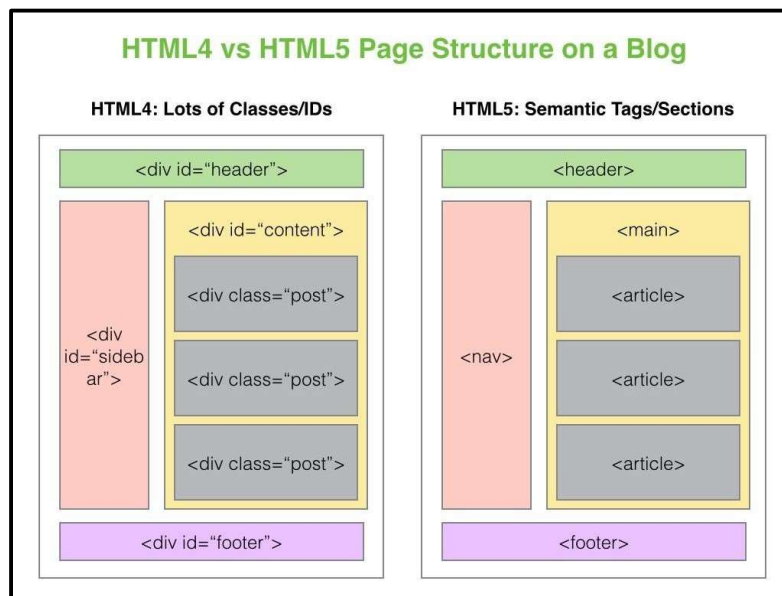
The Target Attribute

- With the target attribute, you can define where the linked document will be opened. By default, the link will open in the current window.
- The code below will open the document in a new browser window.
`Visit google!`

Email Links

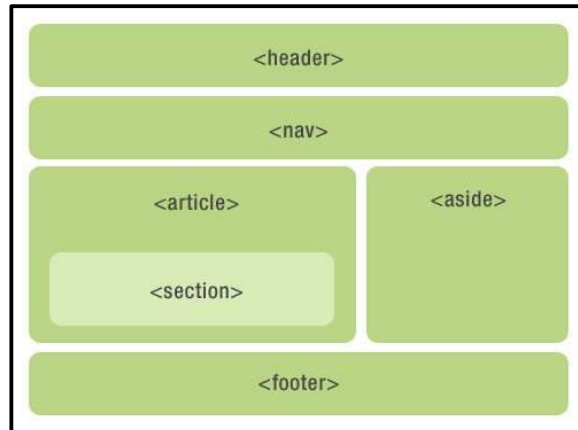
- To create an email link, you will use `mailto:` plus your email address. Here is a link to ACC's Help Desk:
- `Email Help Desk`
- To add a subject for the email message, you would add `?subject=` after the email address. For example:
- `Email Help Desk`

HTML5 Tags:





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Code and Output:

1. Create a static web page using HTML

```
<!DOCTYPE html>
<html>

<head>
  <title>Basic HTML Page</title>
</head>

<body>
  <!-- Header Section -->
  <h1>Welcome to My Basic HTML Page</h1>

  <!-- Navigation -->
  <p>
    <a href="#home">Home</a> |
    <a href="#about">About</a> |
    <a href="#services">Services</a> |
    <a href="#contact">Contact</a>
  </p>

  <!-- Content Sections -->
  <h2 id="home">Home</h2>
  <p>This is a basic HTML webpage using standard tags without any styling or advanced features.
  It demonstrates the structure of a basic document.</p>

  <h2 id="about">About</h2>
  <p>My name is John Doe. I'm learning how to create webpages using simple HTML tags.</p>
```



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<h2 id="services">Services</h2>

Website Development

Content Creation

Technical Support

<h2 id="contact">Contact</h2>

<p>You can reach me at:</p>

<p>Email: example@example.com</p>

<p>Phone: +123 456 7890</p>

<!-- Footer -->

<p>Thank you for visiting my website!</p>

</body>

</html>

Output:

Welcome to My Basic HTML Page

[Home](#) | [About](#) | [Services](#) | [Contact](#)

Home

This is a basic HTML webpage using standard tags without any styling or advanced features. It demonstrates the structure of a basic document.

About

My name is John Doe. I'm learning how to create webpages using simple HTML tags.

Services

- Website Development
- Content Creation
- Technical Support

Contact

You can reach me at:

Email: example@example.com

Phone: +123 456 7890

Thank you for visiting my website!

2. Create a class timetable using HTML.

<!DOCTYPE html>

<html>

<body>



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<h1>TIME TABLE</h1>

```
<table border="5" cellspacing="0" align="center">
```

```
<!--<caption>Timetable</caption>-->
```

```
<tr>
```

```
<td align="center" height="50"
```

```
width="100"><br>
```

```
<b>Day/Period</b></br>
```

```
</td>
```

```
<td align="center" height="50"
```

```
width="100">
```

```
<b>I<br>9:30-10:20</b>
```

```
</td>
```

```
<td align="center" height="50"
```

```
width="100">
```

```
<b>II<br>10:20-11:10</b>
```

```
</td>
```

```
<td align="center" height="50"
```

```
width="100">
```

```
<b>III<br>11:10-12:00</b>
```

```
</td>
```

```
<td align="center" height="50"
```

```
width="100">
```

```
<b>12:00-12:40</b>
```

```
</td>
```

```
<td align="center" height="50"
```

```
width="100">
```

```
<b>IV<br>12:40-1:30</b>
```

```
</td>
```

```
<td align="center" height="50"
```

```
width="100">
```

```
<b>V<br>1:30-2:20</b>
```

```
</td>
```

```
<td align="center" height="50"
```

```
width="100">
```

```
<b>VI<br>2:20-3:10</b>
```

```
</td>
```

```
<td align="center" height="50"
```

```
width="100">
```

```
<b>VII<br>3:10-4:00</b>
```

```
</td>
```

```
</tr>
```

```
<tr>
```

```
<td align="center" height="50">
```

```
<b>Monday</b></td>
```



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Eng	Mat	Che	<h2>L U N C H</h2>	
LAB				
Phy				
Tuesday				
LAB				
Eng	Che	Mat		
SPORTS				
Wednesday			Mat	
Thursday			phy	
Friday			Eng	
Saturday			Che	
LIBRARY			<h2>LAB</h2>	
LAB				
LAB				
LAB				



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```

    <td align="center" height="50">Mat</td>
  </tr>
  <tr>
    <td align="center" height="50">
      <b>Friday</b>
    </td>
    <td colspan="3" align="center" height="50">LAB
    </td>
    <td align="center" height="50">Mat</td>
    <td align="center" height="50">Che</td>
    <td align="center" height="50">Eng</td>
    <td align="center" height="50">Phy</td>
  </tr>
  <tr>
    <td align="center" height="50">
      <b>Saturday</b>
    </td>
    <td align="center" height="50">Eng</td>
    <td align="center" height="50">Che</td>
    <td align="center" height="50">Mat</td>
    <td colspan="3" align="center" height="50">SEMINAR
    </td>
    <td align="center" height="50">SPORTS</td>
  </tr>
</table>
</body>
</html>

```

TIME TABLE

Day/Period	I 9:30-10:20	II 10:20-11:10	III 11:10-12:00	12:00-12:40	IV 12:40-1:30	V 1:30-2:20	VI 2:20-3:10	VII 3:10-4:00
Monday	Eng	Mat	Che	L U N C H	LAB			Phy
Tuesday	LAB				Eng	Che	Mat	SPORTS
Wednesday	Mat	phy	Eng		Che	LIBRARY		
Thursday	Phy	Eng	Che		LAB			Mat
Friday	LAB				Mat	Che	Eng	Phy
Saturday	Eng	Che	Mat		SEMINAR			SPORTS

3. Create a registration form using HTML.

```
<html>
```




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```
<head>
<title>
Registration Page
</title>
</head>
<body>
<br>
<br>
<form>

<label> Firstname </label>
<input type="text" name="firstname" size="15"/> <br> <br>
<label> Middlename: </label>
<input type="text" name="middlename" size="15"/> <br> <br>
<label> Lastname: </label>
<input type="text" name="lastname" size="15"/> <br> <br>

<label>
Course :
</label>
<select>
<option value="Course">Course</option>
<option value="BCA">BCA</option>
<option value="BBA">BBA</option>
<option value="B.Tech">B.Tech</option>
<option value="MBA">MBA</option>
<option value="MCA">MCA</option>
<option value="M.Tech">M.Tech</option>
</select>

<br>
<br>
<label>
Gender :
</label><br>
<input type="radio" name="male"/> Male <br>
<input type="radio" name="female"/> Female <br>
<input type="radio" name="other"/> Other
<br>
<br>

<label>
Phone :
</label>
<input type="text" name="country code" value="+91" size="2"/>
<input type="text" name="phone" size="10"/> <br> <br>
Address
```



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```
<br>
<textarea cols="80" rows="5" value="address">
</textarea>
<br> <br>
Email:
<input type="email" id="email" name="email"/> <br>
<br> <br>
Password:
<input type="Password" id="pass" name="pass"> <br>
<br> <br>
Re-type password:
<input type="Password" id="repass" name="repass"> <br> <br>
<input type="button" value="Submit"/>
</form>
</body>
</html>
```

Firstname	<input type="text"/>
Middlename:	<input type="text"/>
Lastname:	<input type="text"/>
Course :	<input type="text" value="Course"/>
Gender :	
	<input type="radio"/> Male
	<input type="radio"/> Female
	<input type="radio"/> Other
Phone :	<input type="text" value="+91"/> <input type="text"/>
Address	<input type="text"/>
Email:	<input type="text"/>
Password:	<input type="text"/>
Re-type password:	<input type="text"/>
<input type="button" value="Submit"/>	

4. Create a web page using HTML5 tags.

```
<!DOCTYPE html>
```



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```
<html>

<head>
  <title>
    Simple Static Website
  </title>
</head>

<body>
  <nav class="navbar background">
    <ul class="nav-list">
      <li><a href="#web">Web Technology</a></li>
      <li><a href="#program">C Programming</a></li>
      <li><a href="#course">Courses</a></li>
    </ul>

    <div class="rightNav">
      <input type="text" name="search" id="search">
      <button class="btn btn-sm">Search</button>
    </div>
  </nav>

  <section class="firstsection">
    <div class="box-main">
      <div class="firstHalf">
        <h1 class="text-big" id="web">
          Web Technology
        </h1>

        <p class="text-small">
          HTML stands for HyperText Markup
          Language. It is used to design
          web pages using a markup language.
          HTML is the combination of Hypertext
          and Markup language. Hypertext
          defines the link between the web
          pages. A markup language is used
          to define the text document within
          tag which defines the structure of
          web pages. HTML is a markup language
          that is used by the browser to
          manipulate text, images, and other
          content to display it in the required
          format.
        </p>
      </div>
    </div>
  </section>
</body>
</html>
```



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```
</div>
</div>
</section>

<section class="secondsection">
  <div class="box-main">
    <div class="secondHalf">
      <h1 class="text-big" id="program">
        C Programming
      </h1>
      <p class="text-small">
        C is a procedural programming language.
        It was initially developed by Dennis
        Ritchie as a system programming
        language to write operating system.
        The main features of C language include
        low-level access to memory, simple set
        of keywords, and clean style, these
        features make C language suitable for
        system programming like operating system
        or compiler development.
      </p>
    </div>
  </div>
</section>

<section class="section">
  <div class="paras">
    <h1 class="sectionTag text-big">Java</h1>

    <p class="sectionSubTag text-small">
      Java has been one of the most
      popular programming language
      for many years. Java is Object
      Oriented. However it is not
      considered as pure object oriented
      as it provides support for primitive
      data types (like int, char, etc) The
      Java codes are first compiled into byte
      code (machine independent code). Then
      the byte code is run on Java Virtual
      Machine (JVM) regardless of the
      underlying architecture.
    </p>
```



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</div>

</section>

<footer class="background">

<p class="text-footer">

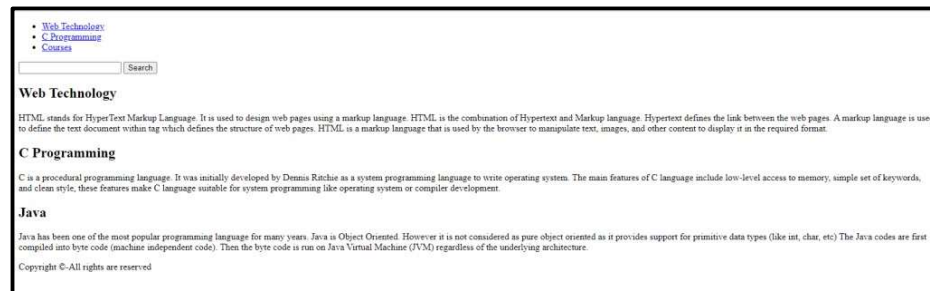
Copyright ©-All rights are reserved

</p>

</footer>

</body>

</html>



Lab Assignments to complete:

1. Create a static page as the image posted below





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CODE:

```
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4     <meta charset="UTF-8">
5     <meta name="viewport" content="width=device-width, initial-scale=1.0">
6     <title>Problem 1</title>
7 </head>
8 <body>
9     <h1>Welcome to SiteRaw</h1>
10    <ul>
11        <li><a href="#">Home</a></li>
12        <li><a href="#">Forum</a></li>
13        <li><a href="#">contact</a></li>
14    </ul>
15    <h2>SiteRaw is awesome</h2>
16    <p>SiteRaw is the best site on the web. SiteRaw is the best site on the web.</p>
17    <p>SiteRaw is awesome. True story</p>
18    <h2>About the author</h2>
19    <p>SiteRaw was created by ... find out never!</p>
20    <p>&copy; SiteRaw the best site on the web</p>
21 </body>
22 </html>
```

OUTPUT:

Welcome to SiteRaw

- [Home](#)
- [Forum](#)
- [contact](#)

SiteRaw is awesome

SiteRaw is the best site on the web. SiteRaw is the best site on the web.

SiteRaw is awesome. True story

About the author

SiteRaw was created by ... find out never!

© SiteRaw the best site on the web

2. Create the exact timetable of semester IV of your class.



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No.	Period	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1	08:00-09:00		CMPM [TH] {RP}				
2	09:00-10:00						
3	10:00-10:30						
4	10:30-11:30	CMPM [TH] {RP}	WE [PR] D11 {PSJ} L3	ML-I [PR] D12 {KRS} L2	DS [TH] {RP} (51)	CMPM [PR] D11 {AG} L1	CMPM [PR] D12 {RP} L2
5	11:30-12:30			DS [TH] {RP} (51)	EFM [TH] {MD} (51)	BREAK	EFM [TH] {MD} (51)
6	12:30-01:30	Innovative Product Development (IPD) Research/ Project Work	OE	SDS [PR] D11 {MD} L1	WE [PR] D12 {SSM} L3	DS [PR] D11 {RP} L1	PBC [TUT] D12 {VF} L2
7	01:30-02:30					OE	WE [PR] D11 {PSJ} L3
8	2:30-3:00		BREAK				
9	3:00-4:00		ML-I [TH] {KRS} (51)	SDS [TH] {AB} (51)	ML-I [PR] D11 {KRS} L2	SDS [PR] D12 {KD} L1	PBC [TUT] D11 {VF} L2
10	4:00-5:00		SDS [TH] {AB} (51)	SDS [TH] {AB} (51)		WE [PR] D12 {SSM} L3	ML-I [TH] {KRS} (51)

CODE:

```

1 <!DOCTYPE html>
2 <html Lang="en">
3 <head>
4   <meta charset="UTF-8">
5   <meta name="viewport" content="width=device-width, initial-scale=1.0">
6   <title>Exp1</title>
7 </head>
8 <body>
9   <table border="1">
10     <tr>
11       <th>No.</th>
12       <th>Period</th>
13       <th>Monday</th>
14       <th>Tuesday</th>
15       <th>Wednesday</th>
16       <th>Thursday</th>
17       <th>Friday</th>
18       <th>Saturday</th>
19     </tr>
20     <tr>
21       <td>1</td>
22       <td>8:00-9:00</td>

```

```

23       <td></td>
24       <td>CMPM[TH]{RP}</td>
25       <td></td>
26       <td></td>
27       <td></td>
28       <td></td>
29     </tr>
30     <tr>
31       <td>2</td>
32       <td>9:00-10:00</td>
33       <td></td>
34       <td></td>
35       <td></td>
36       <td></td>
37       <td></td>
38       <td></td>
39     </tr>

```


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```

40 <tr>
41 <td>3</td>
42 <td>10:00-10:30</td>
43 <td></td>
44 <td></td>
45 <td></td>
46 <td></td>
47 <td rowspan="2">CMPM[PR]--D12{RP}L2</td>
48 <td></td>
49 </tr>
50 <tr>
51 <td>4</td>
52 <td>10:30-11:30</td>
53 <td rowspan="2">CMPM[TH]{RP}</td>
54 <td rowspan="2">ML-1[PR]D12{KRS}L2</td>
55 <td rowspan="2">DS[TH]{RP}(51)</td>
56 <td></td>
57 <td></td>
58 </tr>

```

```

59 <tr>
60 <td>5</td>
61 <td>11:30-12:30</td>
62 <td>EFM[TH]{MD}(51)</td>
63 <td>BREAK</td>
64 <td>EFM[TH]{MD}(51)</td>
65 </tr>
66 <tr>
67 <td>6</td>
68 <td>12:30-01:30</td>
69 <td rowspan="5">IPD Research</td>
70 <td rowspan="2">OE</td>
71 <td rowspan="2">WE[PR]D12{SSM}L3</td>
72 <td rowspan="2">PBC[TUT]D12{VF}L2</td>
73 <td>OE</td>
74 <td rowspan="2">WE[PR]D12{RP}L2</td>
75 </tr>
76 <tr>

```

```

77 <td>7</td>
78 <td>1.30-2.30</td>
79 <td>ML-1[TH]{KRS}(51)</td>
80 </tr>
81 <tr>
82 <td>8</td>
83 <td>2.30-3:00</td>
84 <td colspan="5">break</td>
85 </tr>
86 <tr>
87 <td>9</td>
88 <td>3:00-4:00</td>
89 <td>ML-1[TH]{KRS}(51)</td>
90 <td rowspan="2">SDS[TH]{AB}(51)</td>
91 <td rowspan="2">ML-1[PR]D11{KRS}L2SDS[PR]D12{KD}L1</td>
92 <td rowspan="2">PBC[TUT]D12{VF}L2WE[PR]D12{RP}L3</td>
93 <td>ML-1[TH]{KRS}(51)</td></td></td>

```




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```

94      </tr>
95      </tr>
96      <td>10</td>
97      <td>4:00-5:00</td>
98      <td>SDS[TH]{AB}(51)</td>
99      <td>DS[TH]{RP}(51)</td></td>
100     </tr>
101     <tr>
102         <th>Name-Krishna Borad</th>
103         <th>Roll.No-D056</th>
104     </tr>
105 </table>
106 </body>
107 </html>
    
```

OUTPUT:

No.	Period	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1	8:00-9:00		CMPM[TH]{RP}				
2	9:00-10:00						
3	10:00-10:30					CMPM[PR]-D12(RP)L2	
4	10:30-11:30	CMPM[TH]{RP}	ML-1[PR]D12(KRS)L2	DS[TH](RP)(51)	EFM[TH](MD)(51)	BREAK	EFM[TH](MD)(51)
5	11:30-12:30						
6	12:30-01:30		OE	WE[PR]D12(SSM)L3	PBC[TUT]D12(VF)L2	OE	WE[PR]D12(RP)L2
7	1:30-2:30					ML-1[TH](KRS)(51)	
8	2:30-3:00	IPD Research	break				
9	3:00-4:00		ML-1[TH](KRS)(51)	SDS[TH](AB)(51)	ML-1[PR]D11(KRS)L2SDS[PR]D12(KD)L1	PBC[TUT]D12(VF)L2WE[PR]D12(RP)L3	ML-1[TH](KRS)(51)
10	4:00-5:00		SDS[TH](AB)(51)				DS[TH](RP)(51)
Name-Krishna Borad		Roll.No-D056					



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3. Create a registration form using HTML as per the image shown below.

Form

File | C:/Users/Admin/Desktop/sample12.html

Email Account Form

Enter Username

Enter Password

Address

Fields of interests ☐ Entertainment ☐ Sports ☐ News

Gender ☐ Male ☐ Female

Select Languages

Select Country

Upload Photo No file chosen

CODE:

```
1 <!DOCTYPE html>
2 <html Lang="en">
3   <head>
4     <meta charset="UTF-8" />
5     <meta name="viewport" content="width=device-width, initial-scale=1.0" />
6     <title>EXP1</title>
7   </head>
8   <body>
9     <font size="6">
10      <center>Email Account Form</center>
11    </font>
12    <font size="5">
13      Enter Username <input type="text" name="txtUser" maxLength="30" />
14      <br /><br />
15      Enter Password <input type="password" name="txtPass" /> <br /><br />
16      Address <textarea name="add" rows="5" cols="30"></textarea> <br /><br />
17      Fields of Interest
18      <input type="checkbox" name="chk1" />Entertainment
19      <input type="checkbox" name="chk2" />Sports
20      <input type="checkbox" name="chk3" />News<br /><br />
21      Gender
22      <input type="radio" name="optGender" />Male
```



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```
24  Select Languages
25  <select name="lang" multiple>
26    <option>Marathi</option>
27    <option>Hindi</option>
28    <option>English</option>
29  </select>
30  <br /><br />
31  Select Country
32  <select name="entry" multiple>
33    <option>India</option>
34    <option>USA</option>
35    <option>Japan</option>
36    <option>UK</option>
37  </select>
38  <br /><br />
39  Upload Photo <input type="file" name="fileupload" accept="image/*" />
40  <br /><br />
41  <input type="button" name="vld" value="Validate" />
42  <input type="reset" name="rst" value="Reset" />
43  <input type="submit" name="sub" value="Submit" />
44
45  <input type="hidden" name="pagenm" value="11" />
46  </font>
47  </body>
48  </html>
```

OUTPUT:

Email Account Form

Enter Username

Enter Password

Address

Fields of Interest ☐ Entertainment ☐ Sports ☐ News

Gender ☐ Male ☐ Female

Select Languages

Marathi
Hindi
English

Select Country

India
USA
Japan
UK

Upload Photo No file chosen

4. Create a web page using HTML5 tags.

CODE:



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```
1  <!DOCTYPE html>
2  <html lang="en">
3  <head>
4      <meta charset="UTF-8">
5      <meta name="viewport" content="width=device-width, initial-scale=1.0">
6      <title>EXP1</title>
7  </head>
8  <body>
9      <header>
10         <h1>LOGO</h1>
11         <nav>PRODUCTS | SHOPS | BLOG | </nav>
12     </header>
13     <main>
14         <h2>ALL ABOUT OUR PRODUCTS</h2>
15         <p>Summary</p>
16
17         <section>
18             <h3>USE 1 FOR OUR PRODUCTS</h3>
19             <p>Description</p>
20         </section>
21         <section>
22             <h3>USE 2 FOR OUR PRODUCTS</h3>
23
24         </section>
25         <section>
26             <h3>USE 3 FOR OUR PRODUCTS</h3>
27             <p>Description</p>
28         </section>
29
30         <article>
31             <h3>SUPER CLIENT REVIEWS</h3>
32             <p>Client recommendations about the product</p>
33             <aside>
34                 <h4>WHAT THE PRESS SAY</h4>
35                 <p>Summary of independent journalistic evaluation of the product (LINK)</p>
36             </aside>
37         </article>
38         <aside>
39             <h3>ABOUT OUR INDUSTRY</h3>
40             <p>Lorem ipsum dolor sit amet, consectetur adipiscing elit...</p>
41         </aside>
42     </main>
43     <footer>
44         <nav>JOBS | CONTACT | LEGAL | FOLLOW US: | COPYRIGHT</nav>
45     </footer>
46 </body>
47 </html>
```

OUTPUT:



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LOGO

PRODUCTS | SHOPS | BLOG |

ALL ABOUT OUR PRODUCTS

Summary

USE 1 FOR OUR PRODUCTS

Description

USE 2 FOR OUR PRODUCTS

Description

USE 3 FOR OUR PRODUCTS

Description

SUPER CLIENT REVIEWS

Client recommendations about the product

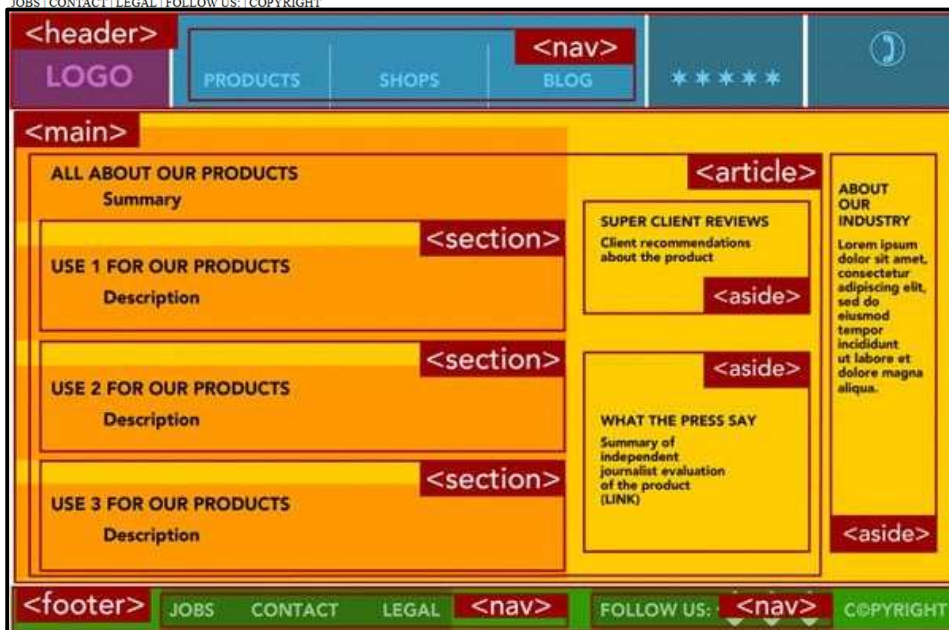
WHAT THE PRESS SAY

Summary of independent journalistic evaluation of the product (LINK)

ABOUT OUR INDUSTRY

Lorem ipsum dolor sit amet, consectetur adipiscing elit...

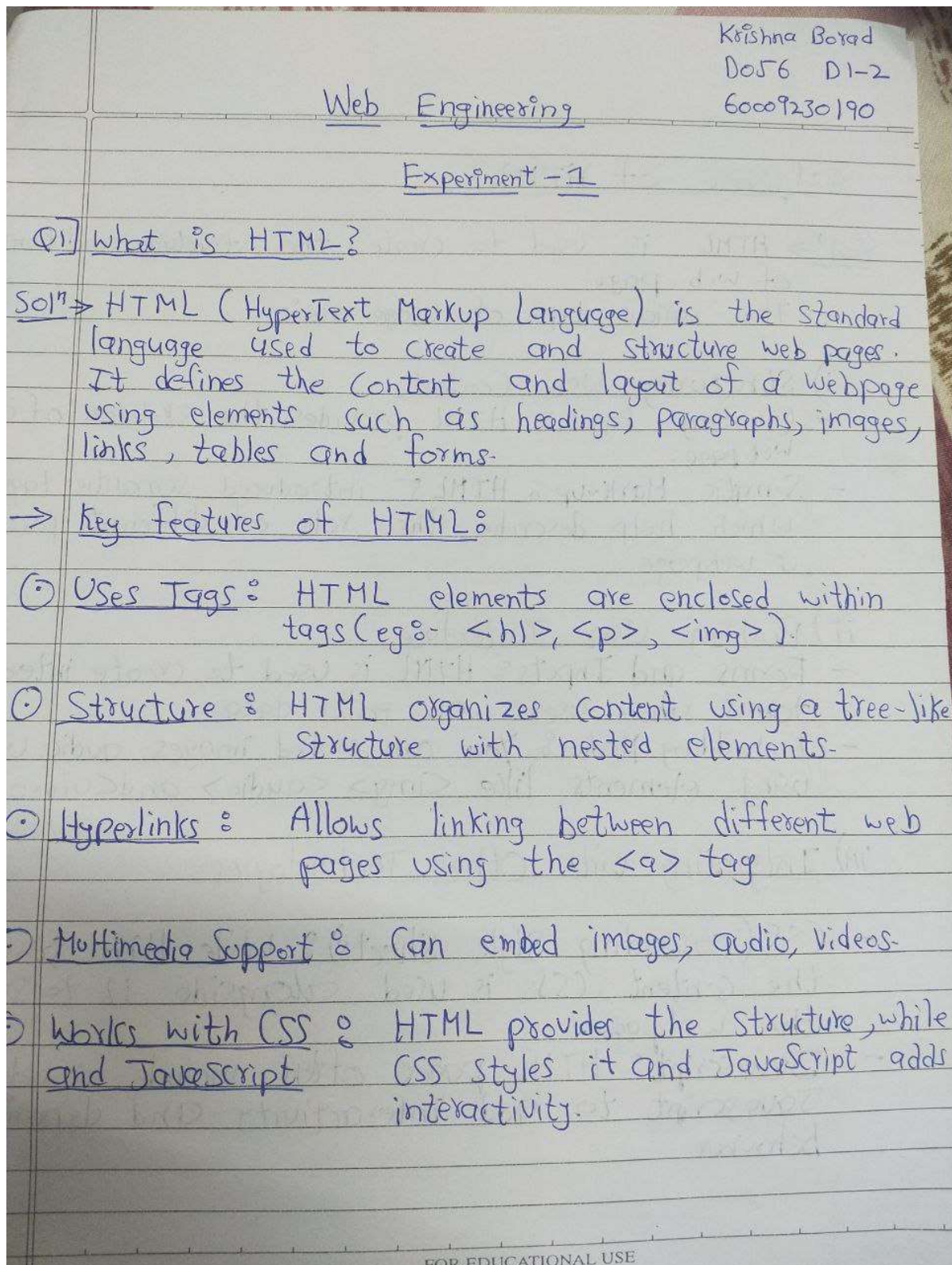
JOBS | CONTACT | LEGAL | FOLLOW US: | COPYRIGHT





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Handwritten Theory:





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Q2) Usage of HTML?

Solⁿ → HTML is used to create the structure and content of web page.

- The various types of usage are:-

i) Structuring Web Content

- Creating Pages : HTML provides the skeleton of a web page.

- Semantic Mark-up : HTML5 introduced semantic tags which help describe the role of different parts of a webpage.

ii) Building User Interface

- Forms and Inputs : HTML is used to create interactive forms where users can enter data.

- Embedding Media : You can embed images, audio, video using elements like ``, `<audio>` and `<video>`

iii) Integrating with Other Technologies

- CSS (Cascading Style Sheets) : While HTML structures the content, CSS is used alongside it to style the webpage.

- Javascript : HTML pages often include or reference Javascript to add interactivity and dynamic behaviour.



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Q3] Explain tags used in Experiment 1?

Solⁿ → 1.] `<!DOCTYPE html>` - Defines the document type and version of HTML

2] `<html>` - The root element of an html page

3] `<head>` - Contains meta-information about the documents

4] `<title>` - Specifies the title of the webpage displayed on the browser.

5] `<body>` - Contains all the visible content of the webpage.

6] `<h1>` to `<h6>` - Define heading of different size

7] `<p>` - Represents a paragraph of text.

8] `
` - Inserts a line break without creating a new paragraph.

9] `<hr>` - Creates a horizontal line, often used for separating sections.

10] ` Text ` - Creates a hyperlink to another webpage.

11] `<a>` - Defines a navigation section, typically containing links.

12] `` - Creates an unordered list.

13] `` - Creates an ordered list.

14] `` - Represents each item in a list.

15] `<table>` - Creates tables.

16] `<tr>` - Defines a row in a table.

17] `<td>` - Represents a cell in a table.

18] `<th>` - Defines a header cell in a table.



Shri Vile Parle Kelavani Mandal's

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(Autonomous College Affiliated to the University of Mumbai)

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CONCLUSION:

The experiment aimed to implement basic HTML concepts by creating various static web pages. It involved designing a class timetable, a registration form, and a web page using HTML5 tags. Through this experiment, I gained hands-on experience in structuring web pages with tables, forms, and semantic elements. The practical application of HTML reinforced my understanding of web development fundamentals. Overall, this experiment provided a solid foundation for building structured and interactive web pages.