BABA BANDA SINGH BAHADUR ENGINEERING COLLOGE

(Fatehgarh Sahib,(Punjab))

Submitted To

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WEB

Lab	Topic
1	HTML : Basic Introduction
2	Syntax, History
3	Tags
4	formatting tags
5	Lists
6	Images
7	Links
8	Color coding, HTML Tables
9	HTML Headers, HTML Form
10	Assignment to create the HTML Webpage of student profile
11	CSS: CSS Background style
12	CSS text formatting style
13	CSS tables,lists,CSS float and clear property
14	Introduction to bootstrap framework and its benefits.
15	Create a webpage of student profile using bootstrap framework
16	Java Script Introduction to java script
17	Javascript variables, looping and conditional statements
18	Create a registration form and validate using javascript

HTML

(HYPER TEXT MARKUP LANGUAGE)

➢ Basic Introduction

❖ HTML stands for Hyper Text Markup Language
❖ It is the standard markup language for creating Web pages
❖ Describes the structure of a Web page
❖ Html consists of a series of elements
❖ The elements tell the browser how to display the content
❖ Html elements label pieces of content such as "this is a heading", "this is a paragraph", "this is a link", etc

```
<!DOCTYPE html>
<html>
<head>
<title>Page Title</title>
</head>
<body>
</body>
</html>
```

- <!DOCTYPE html>:- declaration defines that this document is an HTML5 document
- <html>:- element is the root element of an HTML page
- <head>:- element contains meta information about the HTML page
- <title> :-element specifies a title for the HTML page (which is shown in the browser's title bar or in the page's tab)
- <body>:- element defines the document's body, and is a container for all the visible contents, such as headings, paragraphs, images, hyperlinks, tables, lists, etc.

➢ HTML TAGS

Semantics tag		Formatting tag	
(opening tag)	(closing tag)	(opening tag)	(closing tag)
<h1>-<h6>	</h1>-</h6>		
<p>,<a>	</p>,	<u>	</u>
,	,	<i>	</i>
<table><tr><td>	</table></tr></td>		
<image>	</image>	[	]
 	</br>	<pre>	</pre>
<div>	</div>	<en>	</en>

- **<h1>   <h6>**
  Example:-
  ```
  <!DOCTYPE html>
  <html >
  <head>
  ```

```
                <title>Document</title>
            </head>
            <body>
                <h1>  this is my first page</h1>
                <h2>this is my second page</h2>
                <h3>this is my third page</h3>
                <h4>  this is my first page</h4>
                <h5>this is my second page</h5>
                <h6>this is my third page</h6>
            </body>
            </html>
```

<u>Output</u>

this is my first page

this is my second page

this is my third page

this is my first page

this is my second page

this is my third page

- **<a> tag**

The <a> html ,element(or anchor element) with"<u>Its href attribute</u>" create a hyper link to web pages,files,email,address location in the same page .

Example:-   <body> Website

  Email

  Phone </body>

<u>Output</u>

- <u>Website</u>
- <u>Email</u>
- <u>Phone</u>

➢   &

This is a <ol> order list and <ul> unorder list

EXAMPLE:- <!DOCTYPE html><html ><head></head><body>

   <p>

      TEA

       COFFEE

      WATER

      Mango

      Banana

      Apple </p></body></html>

<u>Output</u>

   1. TEA
   2. COFFEE
   3. WATER

   - Mango
   - Banana
   - Apple

<table>:- HTML tables allow web developers to arrange data into rows and columns.

<tr>:-Each table row starts with a <tr> and ends with a </tr> tag.

<td>:-Everything between <td> and </td> are the content of the table data.

Example:- <!DOCTYPE html>

<html >

<head>

</head>

<body>

  <center> <h1> table</h1> </center>

  <center>

  <table border="5" height="20" width="40%">

<tr >

 <th > S NO </th>

```
<th > NAME</th> <th >BRANCH</th>

<th >ROLL NO</th> <th > YEAR</th>

</tr><tr> <td>  1  </td>

<td> Roshan</td>

<td>CSE</td>

<td>221057</td>

<td> 2022</td>

</tr><tr>

<td>  2  </td>

<td>  Raja</td>

<td>CSE</td>

<td>221084</td>

<td> 2022</td>

</tr> <tr>

<td>  3 </td>

<td> Ritesh</td>

<td>CSE</td>

<td>221076</td>

<td> 2022</td>

</tr></table></center>
```
</body></html>

output table				
S NO	NAME	BRANCH	ROLL NO	YEAR
1	Roshan	CSE	221057	2022
2	Raja	CSE	221084	2022
3	Ritesh	CSE	221076	2022

Example:- <!DOCTYPE html><html ><head></head>

```html
<body>
 <center> <h1> table</h1> </center>
   <center>
<table border="5" height="20" width="40%" bgcolor="yellow">
<tr bgcolor="red">
 <th >  S NO  </th>
 <th >  NAME</th>
 <th >BRANCH</th>
<th >ROLL NO</th>
<th > YEAR</th>
 </tr><tr bgcolor="pick">
 <td>  1  </td>
 <td>  Roshan</td>
 <td>CSE</td>
 <td>221057</td>
 <td> 2022</td>
 </tr><tr bgcolor="skyblue">
 <td>  2  </td>
 <td>  RAja</td>
 <td>CSE</td>
 <td>221084</td>
 <td> 2022</td>
 </tr> <tr>
 <td>  3 </td>
 <td> Ritesh</td>
 <td>CSE</td>
 <td>221076</td>
```

```
        <td> 2022</td>

  </tr></table></center>

</body>

</html>
```

Output		table			
S NO	NAME	BRANCH	ROLL NO	YEAR	
1	Roshan	CSE	221057	2022	
2	RAja	CSE	221084	2022	
3	Ritesh	CSE	221076	2022	

> HOMEWOR
```
<!DOCTYPE html>
<html>
<head></head>
<body><h1>
<marquee width="100%"  bgcolor=" green" >   Baba Banda Singh Bahadur
Engineering College </marquee>  <b>
    <p>
      <u>
    Name of the branches
    </u>
    </p>

    </b>
    <ol>
     <li> CSE</li>
      <li> CE</li>
      <li>ME</li>
      <li>ECE</li>
      <li>MBA</li>
    </ol>
<ul> <li> CSE(Computer science engineering)</li></ul></b>

         <p>
    computer science engineering (CSE) is an academic program at many universities
    which
    comprises scientific and engineering aspectes of computing.
    <p> <img src="https://tse4.mm.bing.net/th?id=OIP.ED-_RNSfG-
    t4eI36CJfTRwHaCx&pid=Api&P=0&h=180" alt="">
    </p>
    <p>
      <b>
```

```
<ul>
<li> CE(Civil engineering)</li>
</ul>
</b>
</p>
<p>The design, building and repair of roads ,bridges etc. the work of civil
engineering</p>
<img
src="htttps://tse4.mm.bing.net/th?id=OIP.aQTooAVIm5eI85cVBdjQQQHaDg&pid
=Api&P=0&h=180"alt="">
</body>
</html>
```
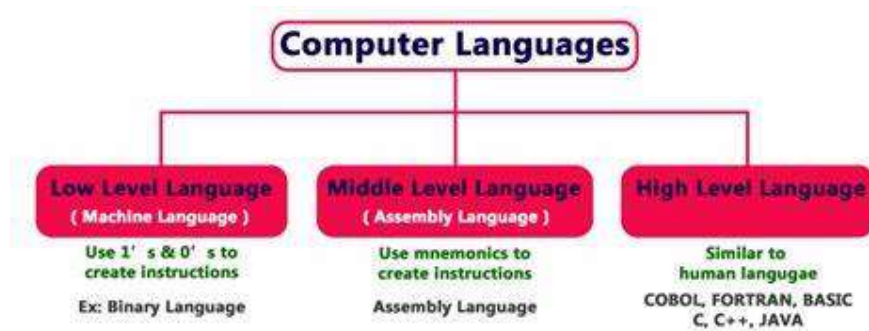
OUTPUT

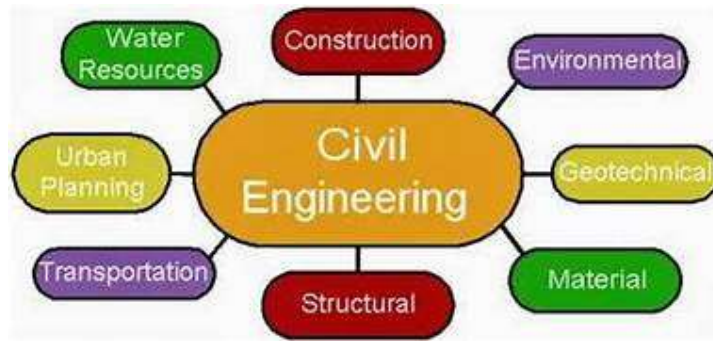## **Name of the branches**

1. CSE
2. CE
3. ME
4. ECE
5. MBA

- **CSE(Computer science engineering)**

computer science engineering (CSE) is an academic program at many universities which comprises
scientific and engineering aspectes of computing.

- **CE(Civil engineering)**

The design, building and repair of roads ,bridges etc. the work of civil engineering

<u>HTML Forms</u>

An HTML form is used to collect user input. The user input is most often sent to a server for processing.

<div align="center">

REGISTRATION FORM

</div>

Example:-   **<!DOCTYPE html>**

<html>

<head></head>

<body > <marquee BGCOLOR="SKYBLUE" > BABA BANDA SINGH BAHADUR ENGINERING COLLLEGE</marquee>

** <H1 img> <CEnter>BABA BANDA SINGH BAHADUR ENGINEERING COLLOGE</CEnter></H1>**

** <p ><CENter> Approved by AICTE,Affiliated to IKG PTU,Jalandhar,Recognized by Govt of Punjab**

NAAC A-GRADE Accreditation,NBA(AICTE) and IE(I)</CENter> </P>

<center>

<table border="" height="10" bgcolor="pink">

<tr>

<td><h1 > <U >REGISTRATION FORM</U></h1></td>

</tr>

</table>

</center>

<h2>

<center><b> <p>

```
      B.tech       <input type="radio" name="a">

       BCA     <input type="radio" name="a">

       BBA     <input type="radio" name="a">

       M.tech       <input type="radio" name="a">

       B.Voc     <input type="radio" name="a">

       MBA     <input type="radio" name="a">

       </p>

       </b>

       </center>

     </h2>

     <h2>

     <br>

     <p><b>

 NAME : <input type="tax box" maxlenght="8" size="20">

MIDDLE NAME  : <input type="tax box" maxlenght="8" size="20">

LAST NAME : <input type="tax box" maxlenght="8" size="20">

<div>

  FATHER'S NAME : <input type="tax box" maxlenght="8" size="40">

</div>

<div>

  <br>

  MOTHER'S NAME  : <input type="tax box" maxlenght="8" size="40"> <center>

     DATE OF BIRTH  : <input type="DATE">

  </center>   </dr>

</div>

<div>

  <br>

  MOBILE NUMBER: <input type="tax box" maxlenght="8" size="30">

  EMAIL ID : <input type="tax box" maxlenght="8" size="50">
```

```html
      </dr>
</div><div>

    <br>

    ADDRESS  :

    <input type="text" size="60">

    PIN CODE :

    <input type="text" size="30">

              </br>

    </div>

     <DIV>

    <br>

     STATE  :<SELECT>

     <option name="a">Bihar</option>

      <option name="a">Assam</option>

     <option name="a">Gujrat</option>

    <option name="a">Andhra pradesh</option>

     <option name="a">uttar pradesh</option>

                <option name="a">Jharkhand</option>

            <option name="a">Kolkata</option>

            <option name="a">Goa</option>

    <option name="a">Kerala</option>

              <option name="a">Odisha</option>

    <option name="a">Himachal pradesh</option>

    </SELECT>

  CITY  :<SELECT>

 <option name="a">Katihar</option>

 <option name="a">Purnia</option>

 <option name="a">Siwan</option>

 <option name="a">Chapra</option>
```

```html
<option name="a">Patna</option>

<option name="a">Bhagalpur</option>

<option name="a">Gaya</option>

<option name="a">Darbhanga</option>

<option name="a">Buxar</option>

<option name="a">Madhubani</option>

<option name="a">Saharsa</option>

</SELECT>

  <center>

GENDE

<input type="radio" name="a"> Male

<input type="radio" name="a"> female

   </center>

   </br>

   </DIV> </b></p><div>

   HOBBIES

   <br>

     READING   <input type="radio" name="a">

   DANCE     <input type="radio" name="B">

    MUSIC      <input type="radio" name="C">

    PLAY      <input type="radio" name="D">

   ETC.         <input type="radio" name="E">  <br>

   PHOTO  :<input type="file">

        <center>

         BUTTONS :

        <input type="button" value="submit">

          <input type="button" value="cancel">

        </center></br></br></div></h2></body></html>
```

output

BABA BANDA SINGH BAHADUR ENGINEERING COLLOGE

Approved by AICTE,Affiliated to IKG PTU,Jalandhar,Recognized by Govt of Punjab NAAC A-GRADE
Accreditation,NBA(AICTE) and IE(I)
REGISTRATION FORM

B.tech ○   **BCA** ○   **BBA** ○   **M.tech** ○   **B.Voc** ○   **MBA** ○

NAME: [   ]   **MIDDLE NAME :** [   ]   **LAST NAME :** [   ]

FATHER'S NAME : [   ]

MOTHER'S NAME : [   ]

DATE OF BIRTH : [   ]

MOBILE NUMBER: [   ]

EMAIL ID : [   ]

ADDRESS : [   ]   **PIN CODE :** [   ]

SATE : [▼]   **CITY :** [▼]**GENDER** ○   **Male** ○   **female**

HOBBIES
READING ○   **DANCE** ○   **MUSIC** ○   **PLAY** ○   **ETC.** ⦿
PHOTO :

BUTTONS :

submit	cancel

Date ....