DAV COLLEGE

JAWALAKHEL, LALITPUR

(AFFILIATED TO TRIBHUWAN UNIVERSITY)

SUBMITTED TO THE

DEPARTMENT OF BACHELOR'S IN COMPUTER APPLICATION

LAB REPORT

ON

WEB PROGRAMMING

LAB REPORT USING HTML, CSS

A PARTIAL FULFILLMENT OF FINAL EXAMINATION AT DAV COLLEGE OF BCA

3rd SEMESTER

SUBMITTED BY:-

NAME   : RITIKA BAJRACHARYA

SEMESTER   : 3rd SEMESTER

Roll NO.   : 26

REGISTERED NO :

SUBMITTED TO: -

SIMANTA KASAJU

SN	TITLE	DATE	SIGNATURE	REMARKS
1	LAB 1: Basic Introduction To HTML, Formatting tags, Listing.	May 25,2021		

LAB-1
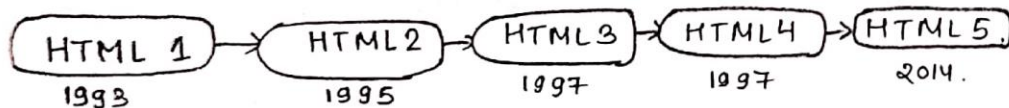
Title:- TO BE FAMILIARIZED WITH HTML &
FORMATING TAGS

OBJECTIVE :- The objective of this lab report to be familiarized with HTML and it formating tags.

THEORY:-

What is HTML?

HTML stands for Hyper Text Markup Language. It is used to design web pages using marked up language. HTML is the combination of Hyper text and Markup Language. Hypertext defines the link between the web pages. A markup language is used to annotate (make notes for the computer) text so that a machine can understand it and manipulate text accordingly. Most markup languages (eg. HTML) are human-readable. The language uses tags to define what manipulation has to be done on the text.

Versions of HTML.

HTML 1 → HTML 2 → HTML 3 → HTML 4 → HTML 5
1993 ——— 1995 ——— 1997 ——— 1997 ——— 2014.

Elements and Tags.

HTML uses pre defined tags and elements which tell the browser how to properly display the content. We should remember to include closing tags. It omitted, the browser applies the effect of the page.

for example:-

┌── Tag Element
↓
\<b\> Ritika Bajracharya \</b\>
↑   ↑
Opening Tag   closing Tag.

HTML page Structure:-

The basic structure of an HTML page is laid out below. It contains the essential building-block elements (i.e. doctype declaration, HTML, head, title, and body elements) upon which all web pages are created.

Sample:-

```
<!DOCTYPE html>        ←——— Tells version of HTML
<html> ←——————————————— HTML Root Element.
<head>←——————————————————— Used to contain page HTML metadata
    <title> Page Title </title>←— Title of HTML page.
</head>
<body> ←——————————————— HOLD content of HTML
    <h2> HelloWorld!</h2>←——— HTML heading tag.
    <p> This is my first webpage </p>← HTML paragraph tag.
<body> ←————————————— Closing tag of body
</html> ←————————————— closing tag of html
```

We can force a line break using the <br> tag.s
Within this lab report we have used different tags such as:-

1) <h1>, <h2>,<h3> . . . <h6) tags [Used for heading]
2) <p> </p> . . . . . [Paragraph tags]
3) <mark></mark> [for highlight]
4) <center></center> [tag for image[object to the center].
5) , , [for listing].
6) <img> [for image]
7) , <i></i>, [for text decoration]
8) <code></code> [for text as code].

Also, HTML lists are used to present list of information in well formed and semantic way. The list we practised in this lab session are:-

• Unordered list- It is basically used to create a list of related items, in no particular order.
• Ordered list — It is used to create a list of related items, in a specific order.

• Description list - It is used to create a list of terms and their description.

HTML Unordered lists.

An unordered list created using the <ul> element, and each list item starts with the <li> element.

Example.
```
<ul>
    <li> Ritika Bajracharya </li>
    <li> Jamuna Bajracharya </li>
    <li> Rajendra Bajracharya </li>
    <li> Rijyak Bajracharya </li> </ul>
```
- The output of the above example will look something like this:

- Ritika Bajracharya.
- Jamuna Bajracharya.
- Rajendra Bajracharya.
- Rijyak Bajracharya.

HTML Nested Unordered list.

```
<body>
    <h2> HTML Unordered list </h2>
    <ul>
        <li> Choclate Cake
            <ul>
            <li> Choclate Velvet Cake </li>
            <li> Choclate Lava Cake </li>
            </ul>
        </li>
        <li> Black Forest Cake </li>
        <li> Pineapple Cake </li>
    </ul>
</body>
```

Output:-

HTML Nested Unordered List

- Chocolate Cake
    - Chocolate Velvet Cake
    - Chocolate Lava cake.
- Black Forest Cake.
- Pineapple Cake.

The numbering of items in an ordered list typically starts with 1. However, if you want to change that we can use the start attribute, as shown in the following example.

Example:-

```
<ol start="10">
    <li> Nepal </li>
    <li> India </li>
    <li> China </li>
</ol>
```

Output.

10. Nepal
11. India
12. China.

HTML Description Lists

```
<body><dl>
<dt> Nepal </dt>
 <dd> We are Nepali </dd>
<dt> Newari </dt>
<dd> I love Newari food </dd>
</dl>
```

Output:-

Nepal
    We are Nepali.
Newari
    I love Newari food.

HTML Ordered Lists.

An ordered list created the <ol> element, and each list item starts with the <li> element. Ordered lists are used when the order of the list's items is important.

Example:-

```
<ol>
    <li>Wear Masks </li>
    <li>Use sanitizer </li>
    <li>Use water and soap frequently </li>
<ol>.
```

Nested ordered lists.

```
<li> Wear Masks </li>
<li> Use sanitizer </li>
<li> Use water and soap frequently.
    <ol>
    <li>Useclean water </li>
    <li> Use hand wash </li>
    <li> Use gloves </li>
    <ol>
    </li>
```

Output

1. Wear Masks
2. Use sanitizer
3. Use water and soap frequently.

Output.

1. Wear Masks.
2. Use sanitizer.
3. Use water and soap frequently
   1. Use clean water
   2. Use hand wash
   3. Use gloves.

```html
<!DOCTYPE html>
<html>
<head>
    <meta http-equiv="refresh" content="5">
    <title> Lab-1 </title>
</head>
<body>
    <h1 title="Be THE Boss OF TOMORROW"><center> DAV COLLEGE </center>
    </h1>
    <h2><center>Jwalakhel, Lalitpur </center></h2>
    <h3><center>Contact us at +977-01-5533044,5529024</center>
    </h3>
    <h3><a href=" https://www.google.com/"> <center> davcollege.
    tu.gmail.com </center></a></h3><hr>
<h1><i> About us </i> </h1>
<p><b> D.A.V. </b> College, affiliated to Tribhuvan University, is
one of the leading education hubs in Nepal since 2008.
It runs different programs for management students of Bachelor's
and Master's levels. ............... </p> <hr>
<h2> Message from Chairman </h2>
<p> Dear, students, </p>
<blockquote> "Education is the most important weapon which
you can use to change the world"- Nelson Mandela.
</blockquote>
<p><i>Dav's mission and vision is to provide and produce
such man power which can provide a assertive leadership.
Our mission is to understand and anticipate the needs of the
corporate community....  <li></p>
<!-- Mission starts here -->
<h2>Our Mission and vision</h2> <hr>
<ul><mark><b>VISION</b></mark>
    <li>To be centr. of excellence that inspires to be a global
citizen while nurturing the Nepalese culture. </li>
</ul>
<ul><mark><b>Mission </b></mark>
    <li> Inspire to innovate and develop through mgmt skills </li>
```

rgb = red, green, blue.

```html
<li>Spearhead entrepreneurship for sustainability.</li>
<li>To inculcate values that foster Nepalese culture.</li>
<li>To ingrain the abilities and skills to . . . . </li>
<ul><hr>
<h3>BCA here at DAV.</h3>
<img src="davus.jpg" style="height:300px; width:475px">
<img "  _ _ _ _ _ >
<img src= _ _ _ _ _ _ _ _ _ ->
<h3>Also we have learned</h3>
<p><u>Superscript and Sub script</u></p>.
<p>Using Subscript = H<sub>2</sub>0</p>
<p>My favorite color is <del>blue</del> red.</p>.
<p>Nepal is a <abbr title="Nepal">landlocked</abbr> contry.
This can be done by using abbreviation tag.</p>
<p>using code tag = <code>scanf("y.d",&a);</code></p>
<p>Using quote tag = <blockquote>"Be you the world will
adjust"</blockquote></p>
<p>Using q tag =<q> Dayanand Anglo Vedic Post Graduate college</q></p>
<p>This is using strong tag <strong>Hey cruel world.</cite>
<p>This is using stong tag <strong>Hey cruel world</strong>
</p>
<p>Using cite we get = <cite>This is a cruel world</cite><p>
<p>Now Admission at <mark style="background-color:
cornflower blue;"><s>Rs 5000</s></mark> Rs 40000. Grab
the offer and make your child future bright.</p>
<button style="background color: rgba">click here! for
more information</button>
<h1><center>Hola Como Estas</center></h1><p>|| using
address tag</p>.
<for<p> for more information kindy mail us at <address>
Jawalakhel, Lalitpur</address></p>
        <a href="ritikabajracharya415@gmail.com">
            ritikabajracharya415@gmail.com</a>
```

rgba: red, blue green, alpha.

Here, listing.

```
<p>We offer </p>
<ul type="square">
        <li> Bachelor's in Computer Application </li>
        <li> Bachelor's in Business Accounting </li>
        <li> Bachelor's in Social Wealth </li>
        <li> Bachelor's in Hotel Management </li>
        <li> Master's in Business Studies </li>
</ul>
<ol type="I" start="4">
        <li> Apple </li>
        <li> Banana </li>
        <li> Mango </li>
        <li> Hotel </li>
</ol>
</body>
</html>
```

DAV COLLEGE

Jwalakhel, Lalitpur

Contact us at +977-01-5533044, 5529029

davcollege.tu.gmail.com

About Us

D.A.V. College, affiliated to Tribhuvan University, is one of the leading education hubs in Nepal since 2003. It runs different programs for management students of Bachelor's and Master's levels. The college places strong emphasis on holistic education-D.A.V. is committed to development of "mind, body, purpose, spirit, and meaning".

Message from Chairman

Dear students,

"Education is the most important weapon which you can use to change the world"-Nelson Mandela

D.A.V.'s vision is to produce such manpower which can provide assertive leadership. Our mission is to understand and anticipate the needs of the corporate community. The TU curriculum offered here at D.A.V. along with non-credit courses and programs like personality development, communication skill, on-the-job training, case study, business tour and presentation skill development helps turn out the desired kind of manpower.

Our Mission and Vision

- **VISION**
- To be center of excellence that inspires to be a global citizen while nurturing the Nepalese culture.

- **Mission**
- Inspire to innovate and develop through management skills
- Spearhead entrepreneurship for sustainability.
- To inculcate values that foster Nepalese culture.
- To ingrain the abilities and skills to survive, adapt, improvise and excel in the Global world.

BCA here at D.A.V.

Also we have learned

Superscript and Subscript

Using Subscript= H_2O

Using Superscript=a^2+2ab+b^2

My favorite color is ~~blue~~ red.

Nepal is a landlocked Country. This can be done by using abbreviation tag.

Using code tag = scanf("%d",&a);

Using quote tag =

"Be you the world will adjust"

Using q tag="Dayanand Anglo Vedic Post Graduate College"

This is using strong tag **Hey Cruel world**

Using cite we get =*This is a cruel world.*

Now Admission at ~~Rs 50000~~Rs 40000. Grab the offer and make your child future bright.

`Click here! For more information`

Hola Como Estas

// Using address tag

For More information kindly mail us at

Jwalakhel, Lalitpur

ritikabajracharya415@gmail.com

We Offer

- Bachelor's in Computer Application
- Bachelor's in Business Accounting
- Bachelor's in Social Wealth
- Bachelor's in Hotel Management
- Master's in Busines Studies

IV. Bachelor's in Computer Application
V. Bachelor's in Business Accounting
VI. Bachelor's in Social Wealth
VII. Bachelor's in Hotel Management
VIII. Master's in Busines Studies

E. Bachelor's in Computer Application
D. Bachelor's in Business Accounting
C. Bachelor's in Social Wealth
B. Bachelor's in Hotel Management
A. Master's in Busines Studies

JAVA
is a programming language.

1. Primary Memory
   a. RAM
   b. ROM
      i. PROM
      ii. EPROM
         - UVEPROM
         - EEPROM
2. Secondary Memory
   a. Magnetic Disk
      - Hard Disk Drive
      - Floppy Disk
   b. Magnetic Tape

FULL FORM

RAM
 Randam Access Memory
ROM
 Read only Memory.
PROM
 Programmable read only memory.
EEPROM
 Electricity Eraseable programmable read only memory.

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
<title> Document </title>
</head>
<body>
        <h1>Some <u><i>Favourite </i></u>things of Mine</h1>
        <ol type = "I">
            <li>Place </li>
            <ol type = "1">
                <li> National
                    <ul type = "circle">
                        <li>Phewa lake </li>
                        <li> swaymbhu </li>
                        <li> Sauraha </li>
                    </ul>
                </li>
                <li> International
                    <ul type = "circle">
                        <li> & Bondi Beach </li>
                        <li> Niagara falls</li>
                        <li> las Vegas </li>
                    </ul>
                </li>
            </ol>
        </li>
        <li> Food
            <ol type = "A">
                <li> Newari food
                    <ol type = "a">
                        <li> Bara </li>
                        <li> Chataman </li>
                    </ol>
                </li>
                <li> Pizza
                    <ol type = "a">
                        <li> Cheese </li>
                        <li> Mushroom </li>
```

```html
<ol>
  <li>
  <ol>
  <li>
    <li> Movies
      <ul type="circle">
      <li> Kollywood
        <ul> Mero euta sathi cha </ul>
        <ul> Pashupati Prasad </ul>
        <ul> loot </ul>
      <li> Bollywood
        <ul type="square">
          <li> 3 Idiot </li>
          <li> PK </li>
          <li> Veer zara </li>
        </ul>
      <li>
        <li> Hollywood
          <ul type="square">
          <li> Marvel Movie
          <ol type="a">
            <li> captain America </li>
            <li> Avengers </li>
            <li> spider-Man : Home coming </li>
          <ol>
          <li> Titanic </li>
        </ul>
      </li>
    </ul>
    <li> Songs.
      <ul type="circle">
        <li> Nepali
          <ol type="J">
            <li> Maun </li>
            <li> lajayera </li>
            <li> Ek cup coffee </li>
          </ol>
      <li>
```

```
<ol type = "A">
    <li> ladd ishq </li>
    <li> Agar tum sath ho </li>
    </ol>
    <li>English
        <ul type = "square">
        <li> Just the way you are </li>
        <li> love story </li>
        </ul>
        </li>
        </li>
        </ul>
    </li>
    </li>
    </ol>
    </body>
    </html>.
```

Sample of listing

Some *favorite* things of Mine

I. Place
    1. National
        ◦ Phewa Lake
        ◦ Swayambhu
        ◦ Sauraha
    2. International
        ◦ 8 Bondi Beach
        ◦ Niagara Falls
        ◦ Las Vegas
II. Food
    A. Newari Food
        a. Bara
        b. Chatamari
    B. Pizza
        a. Cheese
        b. Mushroom
III. Movies
    ◦ Kollywood
        Mero euta sathi cha
        Pashupati Prashad
        Loot
    ◦ Bollywood
        ▪ 3 Idiot
        ▪ PK
        ▪ Veer zara
    ◦ Hollywood
        ▪ Marvel Movie
            a. Captain America
            b. Avengers
            c. Spider-Man:Homecoming
        ▪ Titanic
IV. Songs
    ◦ Nepali
        I. Maun
        II. Lajayera
        III. Ek cup coffee
    ◦ Hindi
        A. Laal ishq
        B. Agar tum sath ho
    ◦ English
        ▪ Just the way you are
        ▪ Love story

Sample of Project (Self work)

This was the demo that we have learned in classroom. More than that to explore more I've practised on the topic "The Living Godeless Kumari". Basically, here I have used a little bit of inline css and overall other are html 5. Here in this I have taken reference of google for more information and images. New things have been added. and Also new things like footer is added to my project. I would like to thank our subject teacher to making us familiar with HTML and yes we have more to learn from you. For the example I have kept an sample of my whole webpage.

KUMARI

Get a glimpse of Kumari, the Living Goddess, at Kumari Ghar in Basantapur, Kathmandu Durbar Square.

The Living Goddess Kumari

Kumari, or Kumari Devi, or Living Durga – Nepal, is the tradition of worshiping young prepubescent girls as manifestations of the divine female energy or devi in Asian religious traditions. In Nepal, a Kumari is a prepubescent girl selected from the Shakya caste of the Nepalese Newari Buddhist community. Regarded as a Living Goddess, a young Newar girl with no blemishes is chosen to represent the Goddess Kumari as an incarnation of Goddess Taleju, the tutelary deity of the Malla dynasty and the Shah dynasty which inherited the tradition. Newars are the original inhabitants of Kathmandu valley and have the most elaborate religious festivals. The Living Goddess is worshipped with great reverence and even the Shah Kings followed the tradition of receiving tika and blessings from her. Dating back to the 17th century, the practice was institutionalized by a Malla king

History

Regarded as a *Living Goddess*, a young Newar girl with no blemishes is chosen to represent the Goddess Kumari as an incarnation of Goddess Taleju, the tutelary deity of the Malla dynasty and the Shah dynasty which inherited the tradition. Newars are the original inhabitants of Kathmandu valley and have the most elaborate religious festivals. The Living Goddess is worshipped with great reverence and even the Shah Kings followed the tradition of receiving tika and blessings from her. Dating back to the 17th century, the practice was institutionalized by a Malla king.

Legend has it that King Jaya Prakash Malla under the influence of alcohol, while playing a game with the visiting Goddess Taleju in the form of a human, started lusting after her. This offended the goddess and she ordered the king to make an oath that he would select a virgin girl within whom she would always reside. The tradition has been continued to this day.

The Malla dynasty was ousted by King Prithvi Narayan Shah but the tradition of revering the Goddess Kumari was continued by the conquerors. Until 2008, the Shah King would go to the Kumari to receive tika on his forehead which symbolized the empowering of the monarch.

The young candidates from the Shakya caste among the Newars, many as young as four years old, must go through an extremely strict and harrowing selection process before one of them is chosen to represent the Goddess. She must remain calm and show no signs of fear even when put through scary tests. Once chosen, she has to live within the Kumari Ghar (Kumari's House), her feet must never touch the ground and will leave her residence only during certain festivals. She will remain a Living Goddess until any form of bleeding occurs, which is usually when she reaches puberty.

In **medieval times** almost every town in the Kathmandu Valley had its own kumari. In the cities of Kathmandu, Bhaktapur, and Patan there was one for almost every locality, as well as a special "royal" kumari, worshipped by the former Hindu kings. Many traditions have since disappeared, some only in the past few decades. In Mu Bahal, a courtyard community five minutes' walk north of Kathmandu's Durbar Square, devotees have been worshipping an empty throne since their last kumari retired, in 1972. The Patan Kumari is a royal kumari, representing one of the living-goddess traditions in the valley. In recent years the tradition has come under criticism from human rights activists who say it's a form of child abuse that hinders the girls' freedom and education and is especially detrimental to the royal Kathmandu and Patan kumaris, who must observe strict rules of purity and segregation.

Gallery

Events/ Things to know

Traditional Dress & Ornaments of A Kumari

As the Kumari is considered as the perfect symbol of beauty in Nepal, especially in the Newari community, she always has to dress beautifully and brilliantly, especially in the festivals and formal occasions. A Kumari always has to be dressed in red, since red is the color of Gods and power according to Hindus's belief in Nepal. The living Goddess often wears a red Jama (cloak), a red bhoto (shirt) with a red pagari (turban). Besides, she also has to wear ornaments, not only around her neck but also around her hand and feet. Her hair has to be gathered on a topknot and decorated with flowers. The most important thing is a third eye (tri-Netra), a metaphorical eye, which is painted on her forehead. This eye is believed to have the power to destroy all the evil in the world.

We can see easily that a Kumari has to wear garlands of gold coins and diamonds, as well as two necklaces having special symbolic meaning. One necklace is a golden chain in the shape of the serpent god called "Basuki Naga". This ornament has several symbolic meanings. Firstly, it is considered as the symbol of the national treasury's guardian. The Kumari Goddess is also the Goddess of wealth, Laxmi, in the Tihar festival. Secondly, the serpent is usually considered as the symbol of anger. Thirdly, the most important season among all the seasons of farmers is closely related to the serpent god, because, during this time, snakes often bite farmers. As a result, people worship god Naga in Kumari Puja in order to protect their wealth from the anger of the serpent god Naga.

Another ornament of the Kumari is a long golden tayo. The Kumari often wears it on her neck to show her authority with the eight mother goddesses. Another ornament is a red tika placed on the Kumari's forehead. It is the symbol of the cosmic earth's energy. This bright and glowing tika is a sign of property, health and a bright future of the nation.

On the third day of the eight days Indra Jatra festival in Kathmandu, the Living Goddess is taken in a religious procession on her chariot around the valley for three days and thousands of devotees are gathered to seek her blessing or just her glimpse. And each year, during this festival, the President (used to be King before 2008) also seeks the blessing of Royal Kumai for the welfare of the country.

What Happens to Kumari after Puberty?"

The former Kumari, Living Virgin Goddess, retires upon puberty, normally in 15-year old. After retiring, it is quite hard for the former Kumaris to walk property because they had been carried all the time and the outside life would be strange to them.

Education is something strange to the Kumaris as they are confined to their houses or temples. However, in 2008, Nepal's Supreme Court overruled a petition against this custom and demanded reforms, stressing education in those who are Kumaris. Also, in the past, Kumaris were not supposed to marry; but now some ex-Kumaris are married.
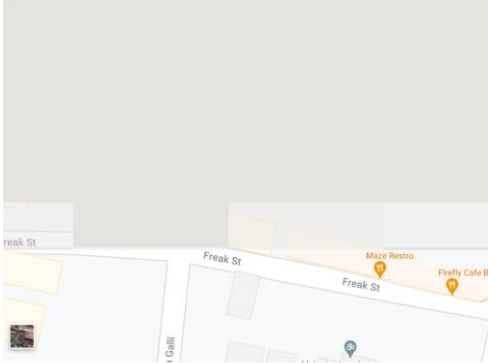
Kumari's Actions and Their Meanings

- Crying/ Laughing loudly: Serious illness or death
- Rubbing eyes: Imminent death
- Trembling: Imprisonment
- Picking at food offerings: Financial losses

Contact us

For the live sight of The Living-Goddess Kumari you can go through the map down below!!!

"Nepal is known around the world as the country surrounded by World highest Himalayas and the Birthplace of Lord Buddha. There is no doubt that Nepal is one of the inimitable travel destinations for all the nature lovers and culture hunters."

Information

Home

History

Events

Contact Us

Result and Discussion

For the above lab report now we are able to design a simple webpage. And we were introduced to HTML and its tags and attributes as well.