

INTERNSHIP REPORT

Domain: Web Development

What is Web?

All the public websites or pages that users can access on their local computers and other devices through the internet.

What is Network?

A network is a group of two or more computers or other electronic devices that are interconnected for the purpose of exchanging data and sharing resources.

Computer Networks

- Communicating using email, video, instant messaging etc.
- Sharing devices such as printers, scanners etc.
- Sharing files.
- Sharing software and operating programs on remote systems.
- Allowing network users to easily access and maintain information.

Web design is the planning and creation of websites this includes a number of separate skills that's all fall under the umbrella of web design.

Some examples of these skills are

- Information architecture, user interface, site structure, navigation, layout, colors and overall integrity. All of these skills are combined with the principles of design to create a website that meets the goals of the company or individual from whom that site is being created.

What is HTML?

- It stands for Hyper Text Markup Language.
- HTML is the standard markup language for creating webpages.
- HTML consists of a series of elements
- HTML 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.

Basic HTML programs

```
<html>
<head><title>HTML basic Codes</title></head>
<body>
Welcome to keonics
</body><body>
<h1>Heading 1</h1>
```

Heading 2

Heading 3

Heading 4

Heading 5

Heading 6

Let us learn text formatting

This is in bold

keonic computer center

This text is in italic

This text is in underline

This text is big in size

This text is small in size

~~This text is in strike through~~

H₂O here is 2 lower down by using subscript tag

(a+b)² here is 2 rised up by using superscript tag

This text has all three features



the WHO was found in 1948

Can i get this ASAP?

Here is some text written from right to left

this is a normal paragraph

This text is having left indentation

This is a normal paragraph

Back ground color using style tag

This text is in vivaldi and red

This text is 55 pixcle high

This is headline 2 style background is red in color

<p style="background-color:green">This paragraph background color is green in color : Mysore is beautiful city in Karnataka,which is famous for its heritage placws and ancient builldings.

</p>

</body>

<body>

<p>An imageWith align="top"</p>

<p>An imageWith align="middle"</p>

<p>An imageWith align="bottom"</p>

<p>An image before the text </p>

<p> an image after the text</p>

</body>

<body>

My first web page This is a hyperlink to my existing web page

google The finest search engine

yahoo This is a weblink to website on the world wide web

</body>

<body>

<hr>

<h1 style="text-align:center">Table of contents </h1>

<hr>

Chapter 1

Chapter 2

Chapter 3

Chapter 4

Chapter 5

<hr>

<h1>Chapter 1</h1>

<p>

<h1>Chapter 2</h1>

<p>

<h1>Chapter 3</h1>

<p>

<h1>Chapter 4</h1>

<p>

<h1>Chapter 5</h1>

<p>

</p></body>

<body>

<h4>With frame="border":</h4>

<table frame="border">

<tr>

<td>First </td>

```
<td>Row</td>
</tr>
<tr>
<td>Second</td>
<td>Row</td>
</tr>
</table>
<h4>With frame="void":</h4>
<table frame="void">
<tr>
<td>First </td>
<td>Row</td>
</tr>
<tr>
<td>Second</td>
<td>Row</td>
</tr>
</table>
<h4>With frame="below":</h4>
<table frame="below">
<tr>
<td>First </td>
<td>Row</td>
</tr>
<tr>
<td>Second</td>
<td>Row</td>
</tr>
</table>
<h4>With frame="above":</h4>
<table frame="above">
<tr>
<td>First </td>
<td>Row</td>
</tr>
<tr>
<td>Second</td>
<td>Row</td>
</tr>
</table>
<h4>With frame="vsides":</h4>
<table frame="vsides">
<tr>
<td>First </td>
<td>Row</td>
</tr>
```

```

<tr>
<td>Second</td>
<td>Row</td>
</tr>
</table>
<h4>With frame="hsides":</h4>
<table frame="hsides">
<tr>
<td>First </td>
<td>Row</td>
</tr>
<tr>
<td>Second</td>
<td>Row</td>
</tr>
</table>
<h4>With frame="lhs":</h4>
<table frame="lhs">
<tr>
<td>First </td>
<td>Row</td>
</tr>
<tr>
<td>Second</td>
<td>Row</td>
</tr>
</table>
<h4>With frame="rhs":</h4>
<table frame="rhs">
<tr>
<td>First </td>
<td>Row</td>
</tr>
<tr>
<td>Second</td>
<td>Row</td>
</tr>
</table>
</body>
<body>
<h1>A table 3 rows and 2 columns </h1>
<table border="1">
<tr>
<th>Name</th>
<th>Age</th>
</tr>

```

```

<tr>
<td>Ananya</td>
<td>20 years </td>
</tr></table>
<h1>A table 3 rows and 2 columns with cellpadding </h1>
<table border="1" cellpadding="20">
<tr>
<th>Name</th>
<th>Age</th>
</tr>
<tr>
<td>Anusha</td>
<td>20 years </td>
</tr></table>
<h1>A table 3 rows and 2 columns with cellspacing </h1>
<table border="1" cellspacing="15">
<tr>
<th>Name</th>
<th>Age</th>
</tr>
<tr>
<td>Amulya</td>
<td>20 years </td>
</tr>
</table>
</body>
<body>
<a href="http://www.google.com">
</a>
</body>
<body>
<h4>A definition list </h4>
<dl>
<dt>Computer</dt>
<dd>It is an electronic data procrssing device</dd>
<dt>Printer</dt>
<dd>It is an output device used to take a hard copy </dd>
</dl>
</body>
<body>
<form action=" ">
First name:<input type="text" name="Firstname"><br>
Last name:<input type="text" name="Lastname"><br>
</form></body>
<body>
<form action=" ">

```

```

User name:<input type="text" name="user"><br>
Password:<input type="password" name="password">
</form>
</body>
<body>
<form action=" ">
<h4>checkboxes</h4>
<input type="checkbox" name="computer" value="Desktop">I have a desktop computer<br>
<input type="checkbox" name="computer" value="laptop">I have a laptop computer<br>
<h4>Radio buttons /option buttons</h4>
<input type="radio" name="sex" value="Male">Male<br>
<input type="radio" name="sex" value="female">Female<br>
<h4>Dropdown list</h4>
<select name="colors">
<option value="red">Red</option>
<option value="blue">Blue</option>
<option value="green">Green</option>
<option value="yellow">yellow</option></select><br>
<h4>Dropdown list</h4>
<select name="colors">
<option value="red">Red</option>
<option value="blue">Blue</option>
<option value="green" selected="selected">Green</option>
<option value="yellow">yellow</option></select><br>
<h4>Textarea to input multiple lines</h4>
<textarea rows="15" cols="25"> This is an example</textarea><html>

```

Welcome to keonics

Heading 1

Heading 2

Heading 3

Heading 4

Heading 5

Heading 6

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the XVIII Queen found in 1948

theWHOwas found in 1948

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An image  With align="top"

An image  With align="middle"

checkboxes

☐ I have a desktop computer

☐ I have a laptop computer

Radio buttons /option buttons

☐ Male

☐ Female

Dropdown list

Red

Dropdown list


Green


Textarea to input multiple lines

This is an example

Command button

Hello world

An image before the text

an image after the text 

[My first web page](#) This is a hyperlink to my existing web page

[google](#) The finest search engine

[yahoo](#) This is a weblink to website on the world wide web

Table of contents

- [Chapter 1](#)
- [Chapter 2](#)
- [Chapter 3](#)
- [Chapter 4](#)
- [Chapter 5](#)

- Chapter 1**
 - Chapter 2**
 - Chapter 3**
 - Chapter 4**
 - Chapter 5**
- With frame="border":
-

Web page using HTML

[illegible]

Om beach,Mangalore

KRS dam,Mandya

</textarea>

<h4>Select the area of Karnataka </h4>

<input type="radio" name="area" value="East">East

<input type="radio" name="area" value="West">West

<input type="radio" name="area" value="North">North

<input type="radio" name="area" value="South">South

<h4 style="font-family:vivaldi;color:darkblue">Select the District to visit</h4>

<select name="District">

<option value="Banglore">Bangalore</option>

<option value="mysore">Mysore</option>

<option value="Mandya">Mandya</option>

<option value="Chamrajnagar">Chamrajnagar</option>

<option value="kengeri">kengeri</option>

</select>

Name: <input type="text" name="Name">

Age: <input type="text" name="Age">

Password: <input type="password" name="password">

<h4 style="text-align:center;font-family:aries;font-color:violet">

THANK YOU FOR VISTING THIS PAGE

</h4>

</form>

</body></html>

Welcome to Karnataka Tourism page

[Home](#) [About us](#) [Gallery](#) [Services](#)

Karnataka is one of the largest state in India.Karnataka is known for its heritage places and natural parks/wildlife.It is also famous for beautiful hillstations,waterfalls ,beaches etc.Karnataka has different kinds of cuisines ,cultures,festivals,clothing etc.

Food culture of karnataka from spicy curies of the coastal region to the lentil dishes of the north to the sweetness of south When it comes to clothing most of them prefer cotton dresses.There are many types of materials in Karnataka.In karnataka mysore silk is most famous etc.

Top tourist places in Karnataka

Mysore palace,Mysore
Chamundi hills ,Mysore
Jog falls,Shivmoga
Mullayangiri,Chikmagalur
Raja Seat,Madikeri
Om beach,Mangalore
KRS dam,Mandya



Select the area of Karnataka

- ☐ East
☐ West
☐ North
☐ South

[Select the District to visit](#)

DHTML/CSS

DHTML: Dynamic Hyper Text Markup Language

CSS: Cascading Style Sheet

- If HTML is the structure of house then CSS is the look and feel of the house.
- It's the language to make our webpages presentable .
- Design to make stylesheets for web.
- CSS can control the layouts of multiple web pages all at once.

Web Page using HTML and CSS

```
<!DOCTYPE html><head>
<title>Sample web page </title>
<link rel="stylesheet" type="text/css" href="style.css">
</head>
<body>
  <div id="topbar">
  </div>
  <div id="container">
    <div id="header">
      
      <ul>
        <li><a href="#">Home</a></li>
        <li><a href="#">About us</a></li>
        <li><a href="#">Service</a></li>
        <li><a href="#">Gallery</a></li>
        <li><a href="#">Portfolio</a></li>
        <li><a href="#">Contact Us</a></li>
      </ul>
    </div>
    <div id="banner">
      
    </div>
    <div id="content1">
      <h4 class="heading">WELCOME!!</h4>
      <p class="para1"> Lekha prakashana is a small book publication company handled
      by Mrs.Banumathi N V .It is a small start up which has completed almost 7 years
      in this field. The main motto of this publication is to provide some good and
      knowledgable books to the readers.</p>
      <a href="#" class="more">Read more..</a></div>
    <div id="content2">
```

<h4 class="heading">Our Services</h4>

<p class="para1">Mainly we publish various story books it may be small storybook or a book about the ancient culture or the rulers .

Not only publishing even we facility of all the requirements of piblushing a book from the scratch .For example typing the script,layout of script,printing we have all the contacts to fulfill ones requirement.

</p>

Read more..

</div>

<div id="content3">

<h4 class="heading">About Us!</h4>

<p class="para1">Our proprietor is Mrs.Banumathi NV she has more than 20 years of experience in DTP.So has some knowledge about book publication"

</p>

Read more..</div>

<div id="bottom1">

<h2>About the publication</h2>

<p> A publication is something made to communicate with the public. Publications are usually printed on paper (like magazines and books), but online publications are delivered via the Internet. </p>

<h2>Government affiliated progrms regarding publication</h2>

<p> A government publication is defined in the U.S. Code (44 U.S.C. 1901) as "... informational matter which is published as an individual document at Government expense, or as required by law."

Publication Categories

ART AND CULTURE.

c

BUILDERS OF MODERN INDIA (BMI SERIES)

CHILDREN'S LITERATURE.

COLLECTED WORKS OF MAHATMA GANDHI.

CULTURAL LEADERS OF INDIA (CLI SERIES)

FLORA&FAUNA.

GANDHIAN LITERATURE.

HEALTH AND NUTRITION.

 </p>

Read more....

</div>

<div id="bottom2">

```
<h2>Sample book</h2>

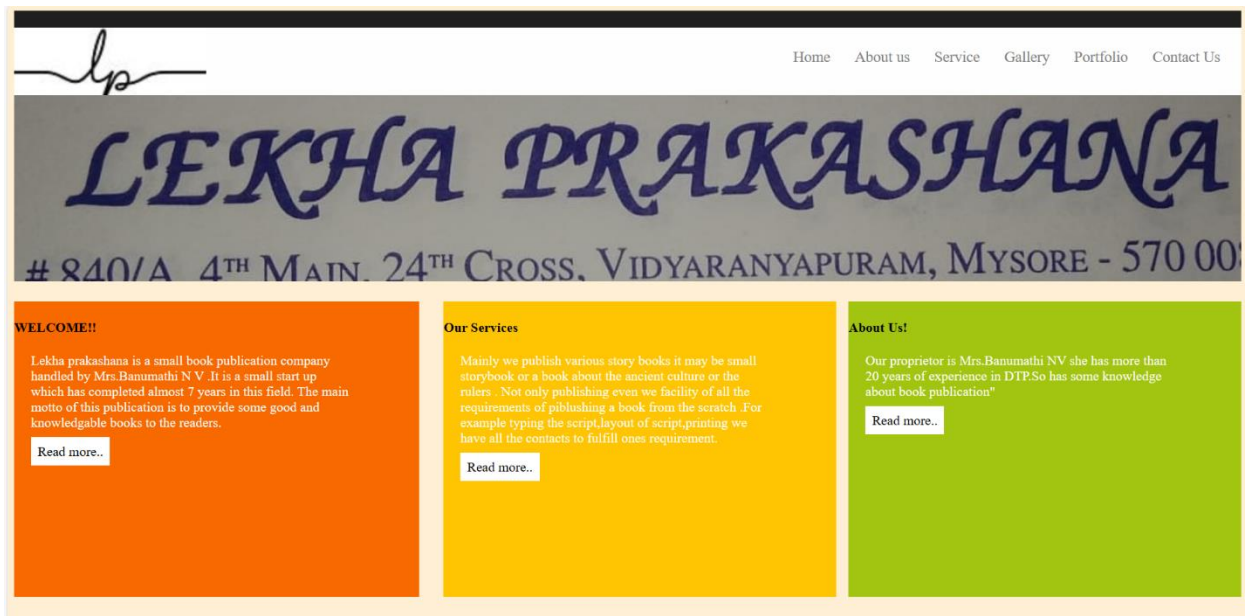
</div>
</div>
<div id="footer">
  <p>&copy;2023|Designed by Anisha Thandavamurthy</p></div>
</body></html>
CSS CODE
```

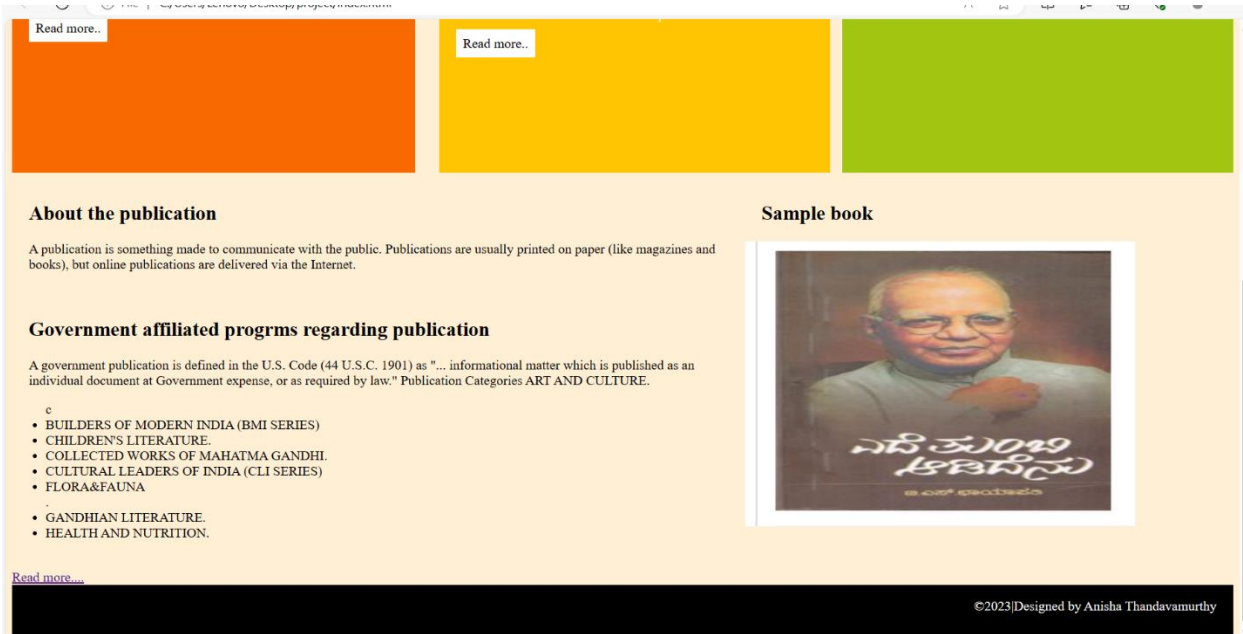
```
#topbar
{ background-color:#1f1f1f; height:20px;width:100%;}
body{ background-color:#ffefd5;}
#container
{ width:100%;margin:0px auto;}
#header
{ height:80px; background-color:#fefefe;}
header img
{ height:20px;}
#header ul
{ float:right;margin-top:25px;}
#header ul li
{ display:inline;margin-right:25px;}
#header ul li a
{ color:gray; text-decoration:none;font-size:18px;}
#banner img
{ width:100%;padding-bottom:20px;}
#content1
{ width:33%; height:350px;background-color:#f86900;float:left; margin-right:2%;}
#content2
{ width:32%; height:350px;background-color:#ffc502; float:left;}
#content3
{ width:32%; height:350px;background-color:#a2c511; float:right;}8
.heading
{ color:white; margin-left:20px;font-size:28px;}
.para1
{ color:white;margin-left:20px;margin-right:80px;}
.more
{ text-decoration:none;color:black;background-color:white; padding:8px;margin-
left:20px;}
#bottom1
```

```

{ margin-top:15px;width:60%;float:left;}
#bottom2
{ margin-top:15px;width:40%; float:right;}
#bottom1 h2
{ color:black;margin-left:20px;}
#bottom1 p
{ margin-left:20px;color:black; margin-right:8px;}
bottom1 a
{ margin-left:20px; color:orange;}
#bottom2 h2
{ color:black; margin-left:20px;}
#footer
{ width:100%; height:60px; background-color:black; clear:both;}
#footer p
{ color:white; float:right; margin-right:20px;}

```





Java Script

Java Script is a light weight programming language commonly used by web developers to add dynamic interactions to webpages , applications , servers , and even games.

It works seamlessly alongside HTML and CSS , complementing CSS in formatting HTML elements while providing user interaction , a capability that CSS alone lacks .

Conditional Control Statements

1. If statement (one way branch)
2. If else statement(two way branch)
3. If else if else statement(ladder if)
4. Nested if statement
5. Switch statement

Loop Control Statements

1. For Loop
2. While Loop
3. Do While Loop
4. Nested For Loop

