

Internship Report – Frontend Development

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Internship Domain: Front-end Intern

Task: Watch HTML Tutorial and Practice HTML Code

Task Overview:

Today, I started my internship as a Frontend Developer Intern. My task was to watch a beginner-level HTML tutorial video and practice the HTML code. Take notes and understand each concept.

Content Covered:

Today I learned these concepts of HTML:

HTML Boilerplate Structure

Headings, Paragraphs

Bold text, Line breaks

Images and Links

Lists (Ordered & Unordered)

Forms and Input Elements

Tables

Page structure using `<header>`, `<footer>`, `<div>`

Introduction:

This report outlines the learning outcomes and practical work completed on the first day of my front-end development internship. The focus was on understanding the structure and purpose of HTML and hands-on coding practice. The activities provided a foundational understanding of how basic web pages are created using standard HTML elements.

Detailed Explanation of Concepts:

HTML: It defines the structure of a webpage.

CSS: Used for styling.

JavaScript: Makes the page interactive.

HTML Boilerplate Structure:

- `<!DOCTYPE html>`: Declares the document as HTML.
- `<html>`: Root element of the HTML document.
- `<head>`: Meta info, title, links to CSS/JS.
- `<title>`: Sets the tab name of the webpage.
- `<body>`: All visible content goes here.

Elements & Tags:

- `<h1>` to `<h6>`: Headings.
- `<p>`: Paragraphs.
- ``, ``: Bold text.
- `
`: Line break.
- `<big>`, `<small>`: Text size changes.
- `<hr>`: Horizontal line.
- `<a href>`: Link tag.
- ``: Image tag with source and alt text.

Lists:

- ``: Ordered list.
- ``: Unordered list.
- ``: List item.

Layout Tags:

- `<div>`: Generic container.
- `<header>`: Top section.
- `<footer>`: Bottom section.

Forms:

- `<form>`: Creates a form.
- `<input>`: For user inputs like text, email, password.
- `<label>`: Labels input fields.
- `<select>` and `<option>`: Dropdown menu.
- `<button>`: Form submission button.
- `<input type="checkbox">` and `<input type="radio">`: Select options.

Tables:

- `<table>`: Creates a table.
- `<thead>`: Table headings.
- `<tr>`: Table row.
- `<td>`: Table data cells.
- `border` attribute: Adds table borders using CSS.

HTML Code Practiced:

I wrote and tested 3 HTML files by practicing examples from the video.

Code 1: Personal Webpage with Lists and Images

I created a simple personal webpage using HTML that included headings, paragraphs with bold text and line breaks, and structured sections using `<header>`, `<footer>`, and `<div>`. I added images with alt text and made one clickable by wrapping it in a hyperlink. I also explored text formatting using `<big>` and `<small>`, added a horizontal line, and created both ordered and unordered lists—including an image within a list item.

```
<!DOCTYPE html>
<html>
  <head>
    <title> My First Webpage </title>
  </head>

  <body>

    <div>
      <header>
        This is the Header
      </header>
    </div>
    <h1> This is my website</h1>
    <h2> This is my website</h2>
```

```
<h3> This is my website</h3>
<h4> This is my website</h4>
<h5> This is my website</h5>
<h6> This is my website</h6>
<p> <b>Hey there,</b> This is just some </br> text related to my own webpage. Its my first ever
webpage and i am looking forward to have fun learning html css and javascript. Actualt its in my
internsip during this summer, summer 2025. </p>

<!--  </br> -->

<a href="https://www.edureka.co">  </br></a>

<big>This text is big </big></br>
<small>While this is small </small>

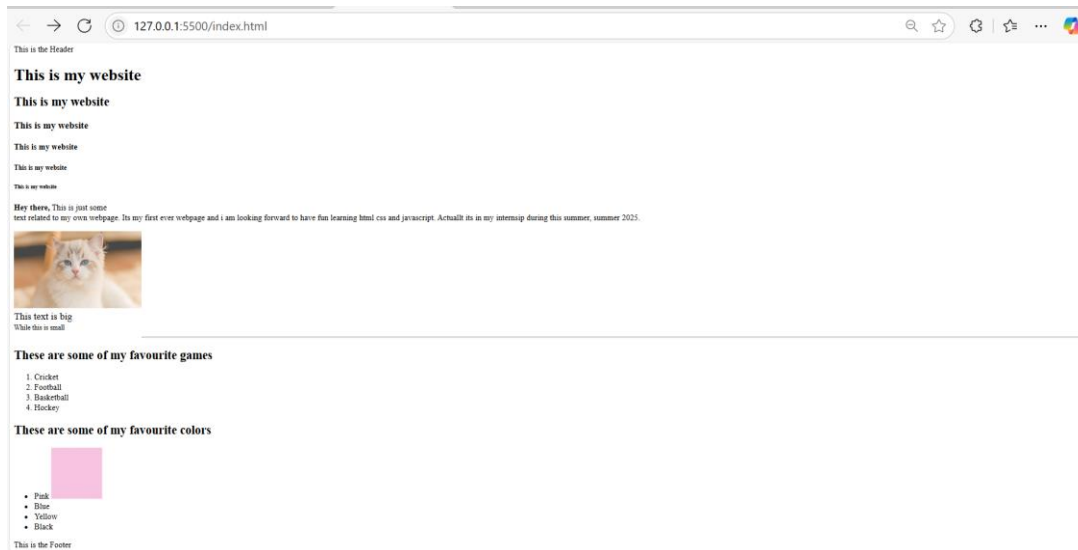
<hr width="80%">
<!-- <a href="https://www.edureka.co">This is a link to a website</a> -->

<h2> These are some of my favourite games</h2>
<ol>
  <li>Cricket</li>
  <li>Football</li>
  <li>Basketball</li>
  <li>Hockey</li>
</ol>

<h2> These are some of my favourite colors</h2>
<ul>
  <li>Pink </li>
  <li>Blue</li>
  <li>Yellow</li>
  <li>Black</li>
</ul>

<div>
  <footer>
    This is the Footer
  </footer>
</div>

</body>
</html>
```



Code 2: Registration Form

I created a registration form using various input elements like text, email, and password fields, along with radio buttons for gender selection and a dropdown for selecting the birth month. I included a checkbox for agreement and a submit button.

```
<!DOCTYPE html>
<html>
<head>

  <title>My Webpage</title>
</head>
<body>
  <h1>Registration form</h1>

  <div id="reg-form">

    <form>
      <label for="first-name">First Name:</label>
      <input type="text" name="first-name" placeholder="Aryya" required>

      <label for="last-name">Last Name:</label>
      <input type="text" name="last-name" placeholder="paul" required>

      <div>
        <label for="gender-male">Male</label>
        <input type="radio" name="gender-choice" value="choice-1">

        <label for="gender-female">Female</label>
        <input type="radio" name="gender-choice" value="choice-2">

        <label for="gender-other">Other</label>
```

```
<input type="radio" name="gender-choice" value="choice-3">

</div>

<div>
  <label for="email">Email</label>
  <input type="email" name="email" placeholder="xyz@gmail.com">

  <label for="password">Pasword</label>
  <input type="password" name="password">

</div>

<div>
  <label for="Month">Birthday</label>
  <select name="Month">

    <option value="0" selected disabled>Month</option>
    <option value="jan">January</option>
    <option value="feb">February</option>
    <option value="march">March</option>
    <option value="april">April</option>
    <option value="may">May</option>
    <option value="june">June</option>
    <option value="july">July</option>
    <option value="aug">August</option>
    <option value="sep">September</option>
    <option value="oct">October</option>
    <option value="nov">November</option>
    <option value="dec">December</option>

  </select>

</div>

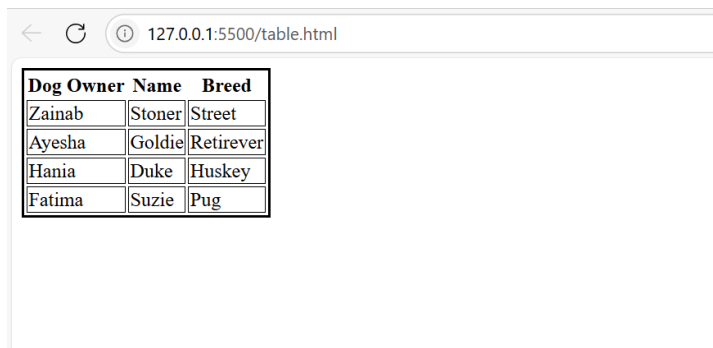
<label for="agree">I agree to all the conditions of the form</label>
<input type="checkbox" name="agree">

<button type="submit">Submit</button>

</form>

</div>

</body>
</html>
```



A screenshot of a web browser window. The address bar shows the URL "127.0.0.1:5500/table.html". The browser displays a table with the following content:

Dog	Owner	Name	Breed
Zainab	Stoner	Street	
Ayesha	Goldie	Retirever	
Hania	Duke	Huskey	
Fatima	Suzie	Pug	

Code 3: Creating a Table using Html

I created a table to display information about dog owners, including headers and multiple rows for data. I applied basic CSS styling using the `<style>` tag inside the `<head>` to add borders to the table and its cells.

```
<!DOCTYPE html>
<html>
<head>

  <title>My Website </title>

  <style type="text/css">

    table{
      border: 2px solid black;
    }

    td{
      border: 1px solid black;
    }

  </style>
</head>
<body>

  <table>
    <thead>
      <th>Dog Owner</th>
      <th>Name</th>
      <th>Breed</th>
    </thead>

    <tr>
      <td>Zainab</td>
      <td>Stoner</td>
      <td>Street</td>
    </tr>
```

```

<tr>
  <td>Ayesha</td>
  <td>Goldie</td>
  <td>Retirever</td>
</tr>

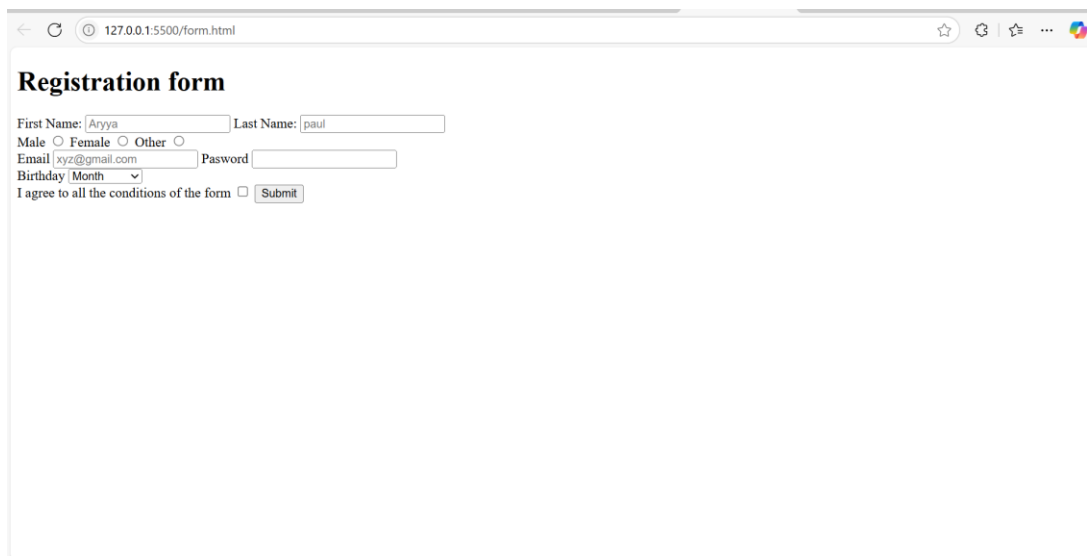
<tr>
  <td>Hania</td>
  <td>Duke</td>
  <td>Huskey</td>
</tr>

<tr>
  <td>Fatima</td>
  <td>Suzie</td>
  <td>Pug</td>
</tr>

</table>

</body>
</html>

```



The screenshot shows a web browser window with the address bar displaying "127.0.0.1:5500/form.html". The page title is "Registration form". The form contains the following fields and elements:

- First Name: Last Name:
- Gender: Male ☐ Female ☐ Other ☐
- Email: Password:
- Birthday: Month
- I agree to all the conditions of the form ☐

Conclusion:

In short, I have learned the basics of building a webpage using HTML. I practiced how to structure content using headings, paragraphs, images, and links. I also created a form to collect user data and made a table to display information in a clear way. Adding lists and using simple CSS for styling made the pages look better. I now understand how important proper structure is for a good webpage.