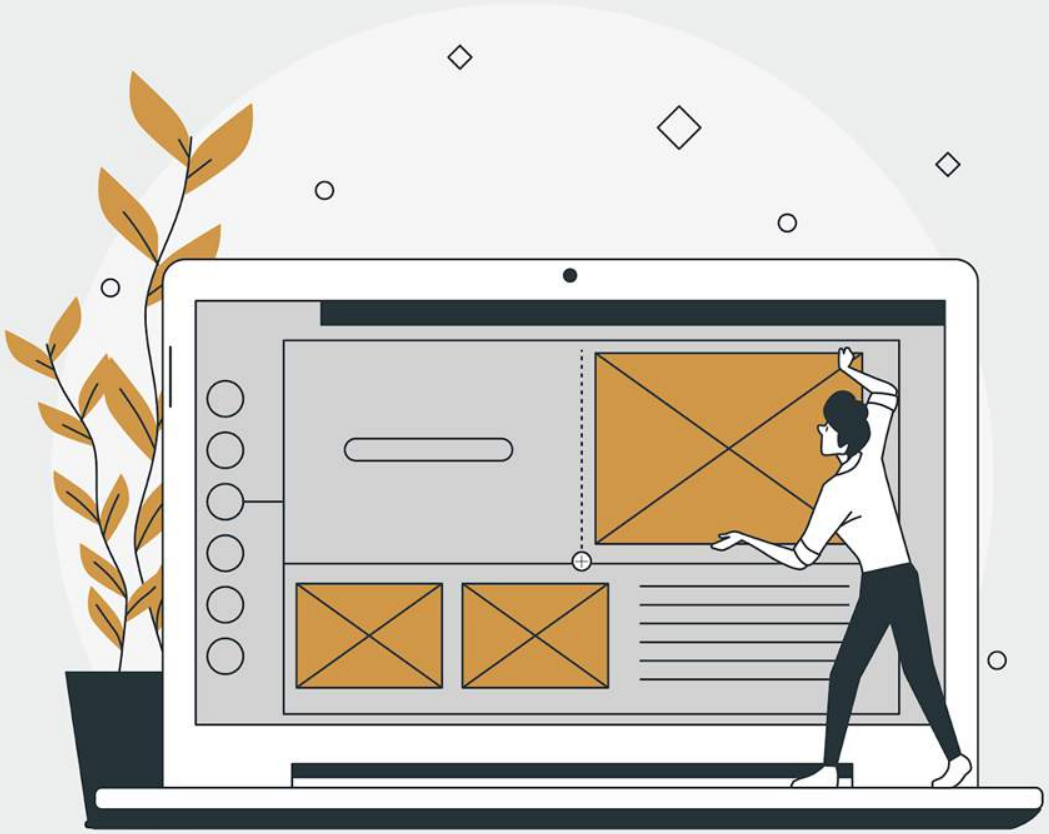
SUNSTONE

Front End Development

Task-2



Front End Development

Using HTML & CSS we have developed a front end web page based on education purpose. In full-stack development, front-end development is typically focused on creating the visual and interactive elements of the application that users interact with.

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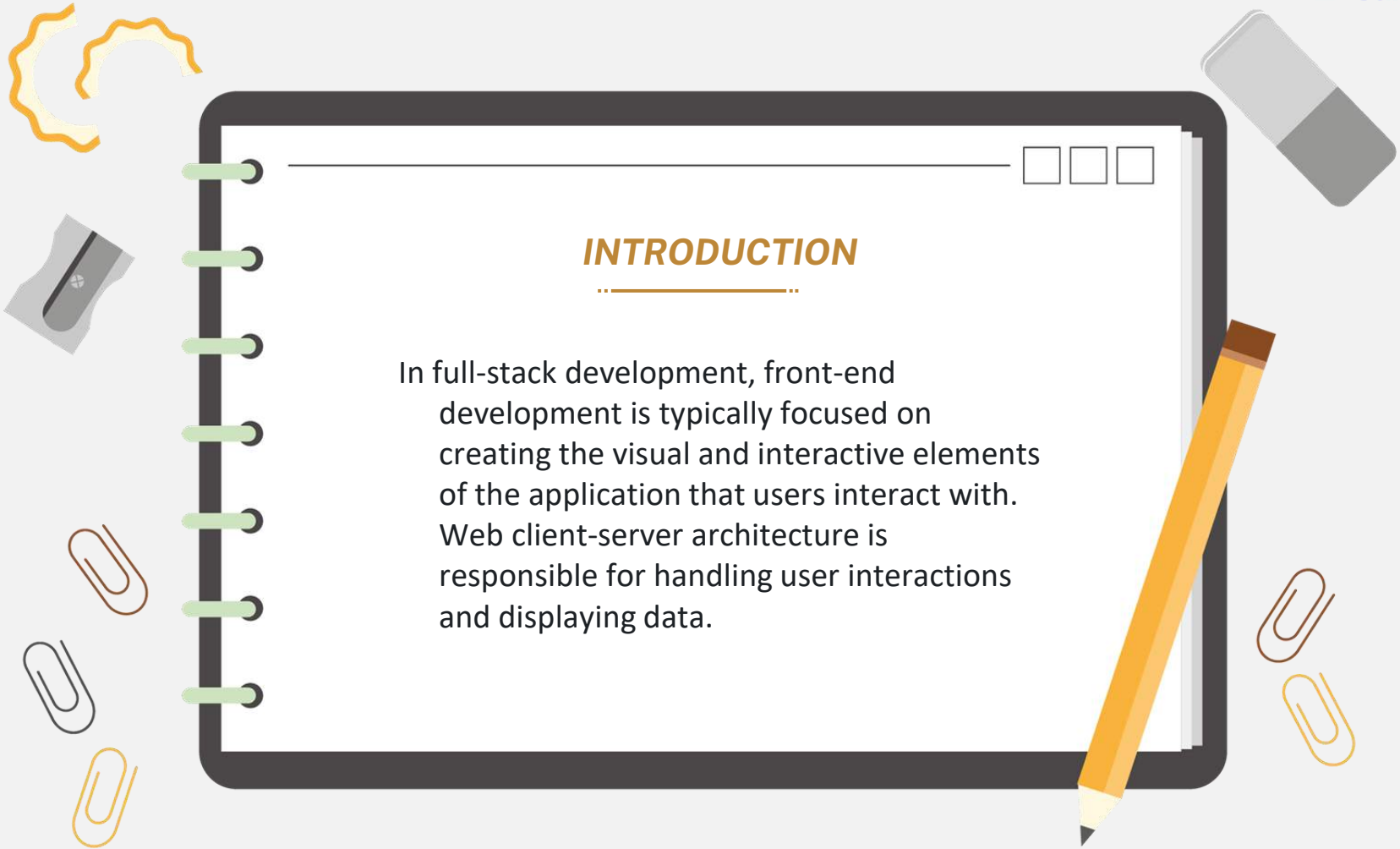


INTRODUCTION

In full-stack development, front-end development is typically focused on creating the visual and interactive elements of the application that users interact with. Web client-server architecture is responsible for handling user interactions and displaying data.

HTML -

- HTML is used to create the structure of web pages; and Bootstrap is a popular CSS framework that provides predefined styles and layout options. JavaScript frameworks provide additional functionality and tools for building complex, interactive user interfaces. They are useful to create responsive, interactive, and efficient user interfaces.
- Web client server architecture
- HTML Structure Tags – Forms field
- Bootstrap – React.Js
- jQuery- ajax - Promises
- API integration
-

FRONT END DEVELOPMNENT

- Developing a user interface webpage by using front end development.
- Using HTML & CSS
- For example we have developed a learing platform for web development ,etc....called CODETOWN by using “HTML &CSS.

CODETOWN

A. In this example, the page consists of a header, navigation menu, main content, and footer. The CSS styles are added in the head section of the HTML document.

- The header contains the page title, and the navigation menu has links to different sections of the page. The main content contains three sections: About Us, Our Services, and Contact Us. The Contact Us section has a form for users to fill out and submit. The footer contains copyright information.

Algorithm :

1.Open a text editor like Notepad or Sublime Text on your computer.
2.Create a new file and save it with the extension ".html". For example, "index.html".
3.Add the basic HTML structure to the file
4.In the **<title>** tag, add a title for your web page. This will appear in the browser tab.
5.In the **<body>** tag, add the elements that you want to display on your web page. For example, you can add headings, paragraphs, images, links, forms, and tables.
6.To add a heading, use the **<h1>** to **<h6>**
7.To add a paragraph, use the <p> tag.
8.To add an image, use the **<img>**
9.To add a link, use the <a> tag.
10.To add a form, use the <form> tag
11.To add a table, use the <table> tag with the <tr>, <th>, and <td> tags.
12.Save the file and open it in a web browser to see how it looks.

SOURCED CODE:

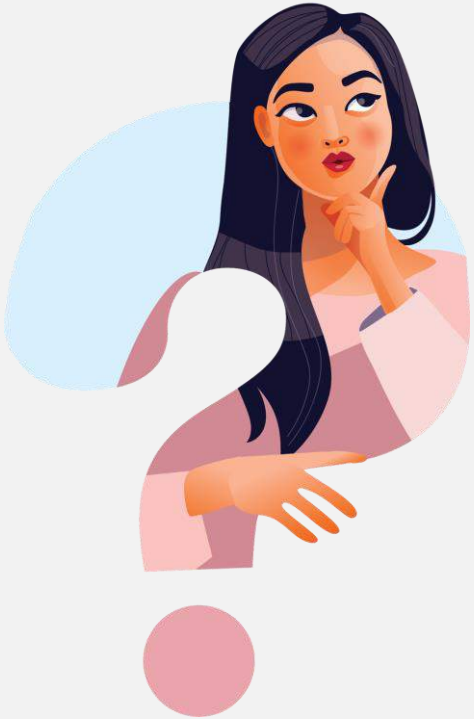
```
<!DOCTYPE html>
<html>
  <head>
    <title>Codetown</title>
    <style>
body {
  font-family: Arial, sans-serif;
  font-size: 16px;
}

header {
  background-color: red;
  padding: 20px;
  text-decoration:overline;
}
```

```
nav a {
  color:yellow;
  text-decoration:bold;
}

main {
  padding: 20px;
  display: flex;
  flex-wrap: wrap;
}

section {
  background-color:pink;
  flex-basis: 33%;
  padding: 10px;
}
```



```
nav {
  background-color:#333;
  color:#fff;
  padding: 10px;
}

nav ul {
  margin: 4;
  padding: 0;
  list-style:disc;
  display: flex;
}

nav li {
  margin: 0 10px;
}
```

```
h2 {
  margin-top: 0;
}
h3{
background-color:black;
color:gold;
padding:60px;
font-size:60px;
font-weights:bold;
}
ul {
  list-style: square;
  padding: 0;
  margin: 0;
}
```

```
form {
  display: flex;
  flex-direction: column;
  max-width: 400px;
}

label {
  margin-bottom: 10px;
}

input[type="text"],
input[type="email"],
textarea {
  padding: 10px;
  margin-bottom: 10px;
  border: 1px solid #ccc;
  border-radius: 4px;
}
```

```
input[type="submit"] {
  background-color: "pink";
  color:"blue";
  padding: 10px 20px;
  border:solid;
  border-radius: 4px;
  cursor: pointer;
}

input[type="submit"]:hover {
  background-color: "purple";
}



    </style>
</head>
```

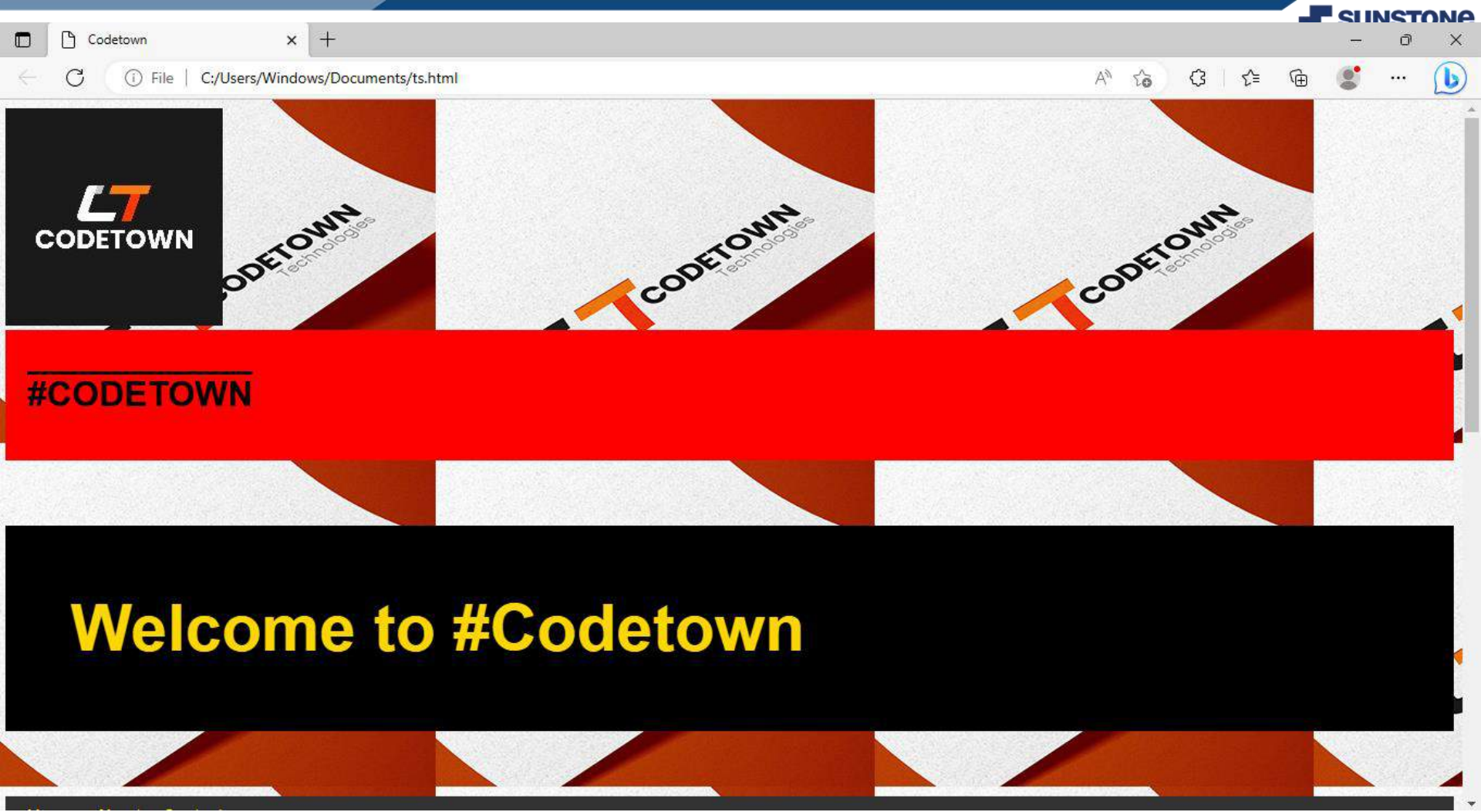
```
<body background="C:\Users\Windows\Downloads\lo.jpg">
<img src="C:\Users\Windows\Downloads\ct.jpg">
    <header>
      <h1>#CODETOWN</h1>

    </header>
<h3>Welcome to #Codetown</h3>
    <nav>
      <ul>
        <li><a href="intro.txt">Home</a></li>
        <li><a href="about.txt">About</a></li>
        <li><a href="cont.txt">Contact</a></li>
      </ul>
    </nav>
```

```
<main>
    <section>
      <h2>About Us</h2>
      <p>At codetown Web Development, we're passionate about building beautiful, functional websites that help businesses succeed online.</p>

      <a href="lm.txt">Learn More</a>
    </section>
    <section>
      <h2>Our Services</h2>
      <ul>
        <li>Web Design</li>
        <li>Web Development</li>
        <li>SEO</li>
      </ul>
    </section>
```

```
<section>
        <h2>Contact Us</h2>
        <form>
          <label for="name">Name:</label>
          <input type="text" id="name" name="name"><br><br>
          <label for="email">Email:</label>
          <input type="email" id="email" name="email"><br><br>
          <label for="message">Message:</label>
          <textarea id="message" name="message"></textarea><br><br>
          <input type="submit" value="Submit">
        </form>
      </section>
    </main>
<footer>
      <p>Copyright &copy; 2023-#codetown.All Rights Reserved.<br></br>
Designed & Developed by #codetown.</p>
    </footer>
  </body>
</html>
```


Codetown
File | C:/Users/Windows/Documents/ts.html
CODETOWN
#CODETOWN
Welcome to #Codetown

About Us

At codetown Web Development, we're passionate about building beautiful, functional websites that help businesses succeed online.

Learn More

Our Services

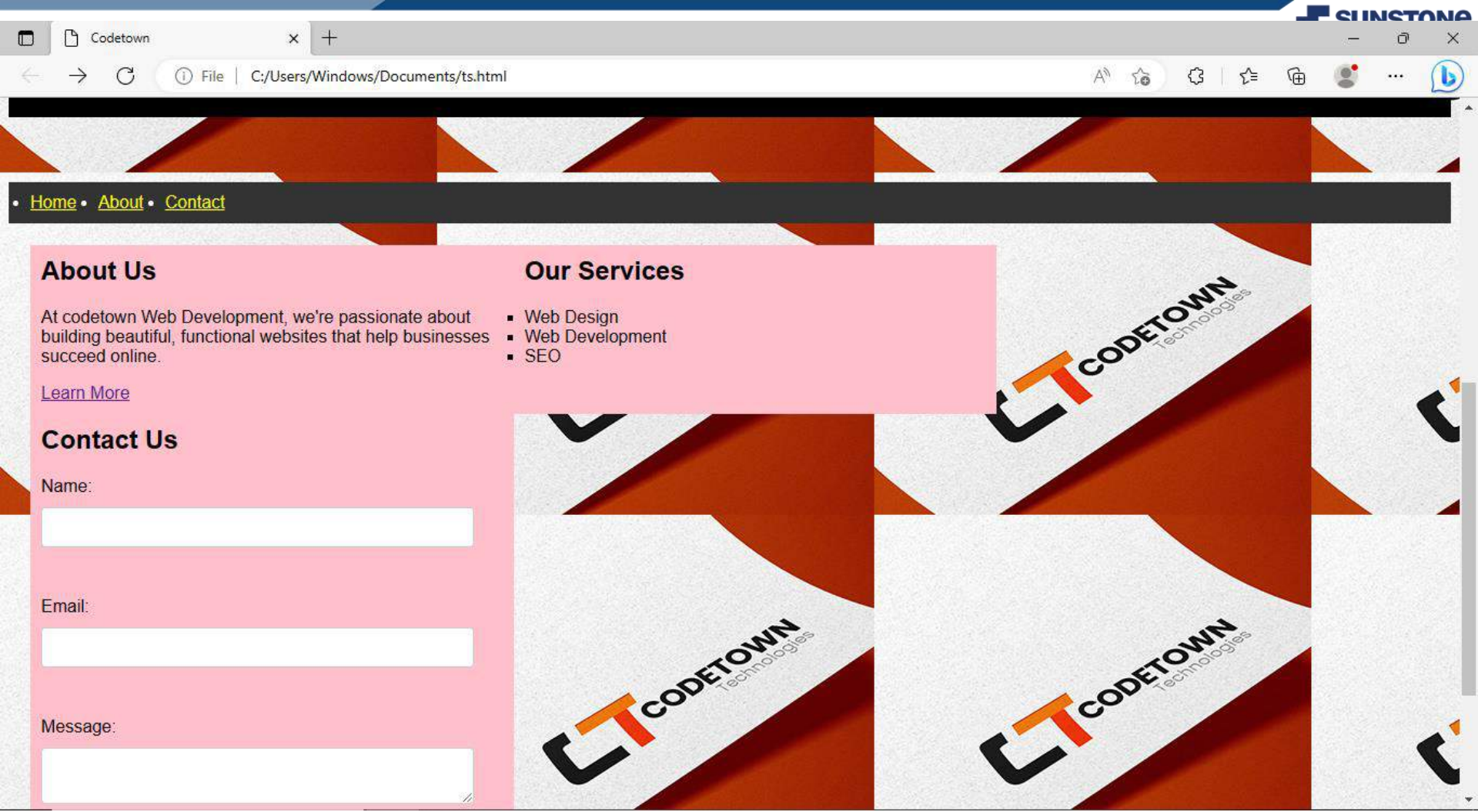
- Web Design
- Web Development
- SEO

Contact Us

Name:

Email:

Message:



HOME-

*We have years of experience in web development and design.
*And we're constantly staying up-to-date with the latest trends and technologies to ensure that our clients get the best possible results.
*Our team is made up of experienced developers, designers, and project managers who work together to deliver high-quality websites that meet our clients' needs. We believe in clear communication, transparency, and a collaborative approach to project management, which helps us deliver projects on time and on budget.

ABOUT-

*At codetown Web Development, we're passionate about building beautiful, functional websites that help businesses succeed online.
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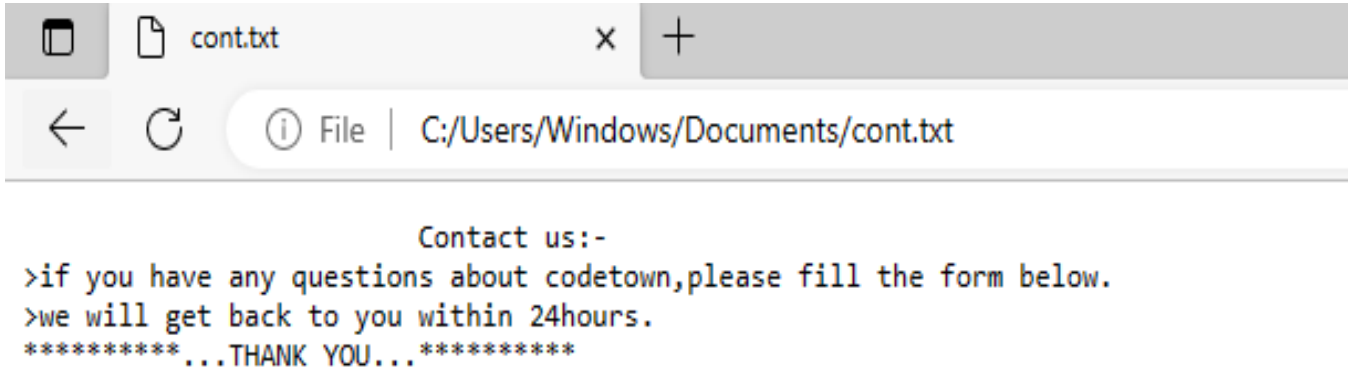
CONTACT-


cont.txt
File
C:/Users/Windows/Documents/cont.txt
Contact us:-
>if you have any questions about codetown,please fill the form below.
>we will get back to you within 24hours.
**********...THANK YOU...**********

About Us

At codetown Web Development, we're passionate about building beautiful, functional websites that help businesses succeed online.

Learn More

Our Services

- Web Design
- Web Development
- SEO

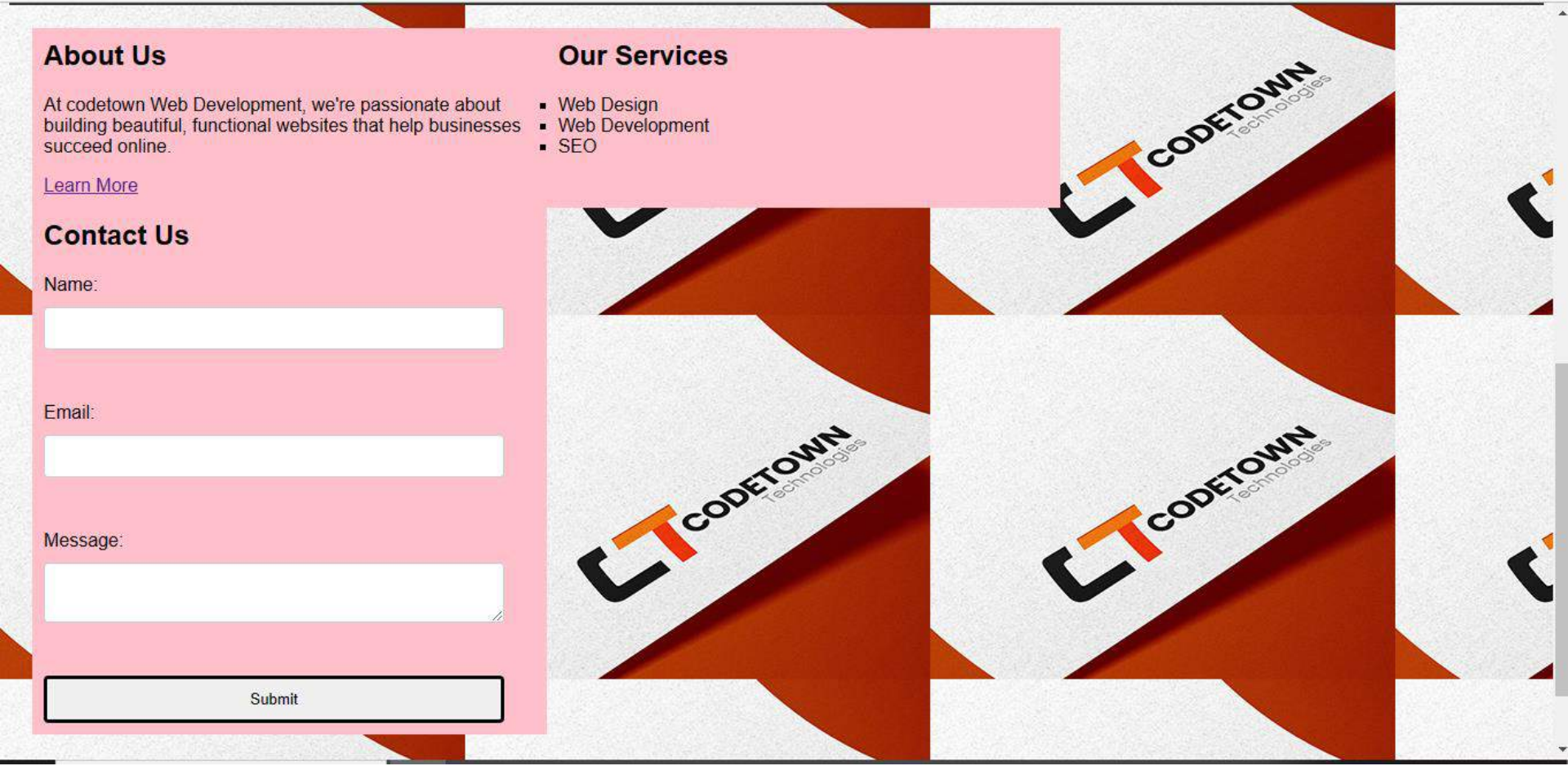
Contact Us

Name:

Email:

Message:

Submit



LEARN MORE-

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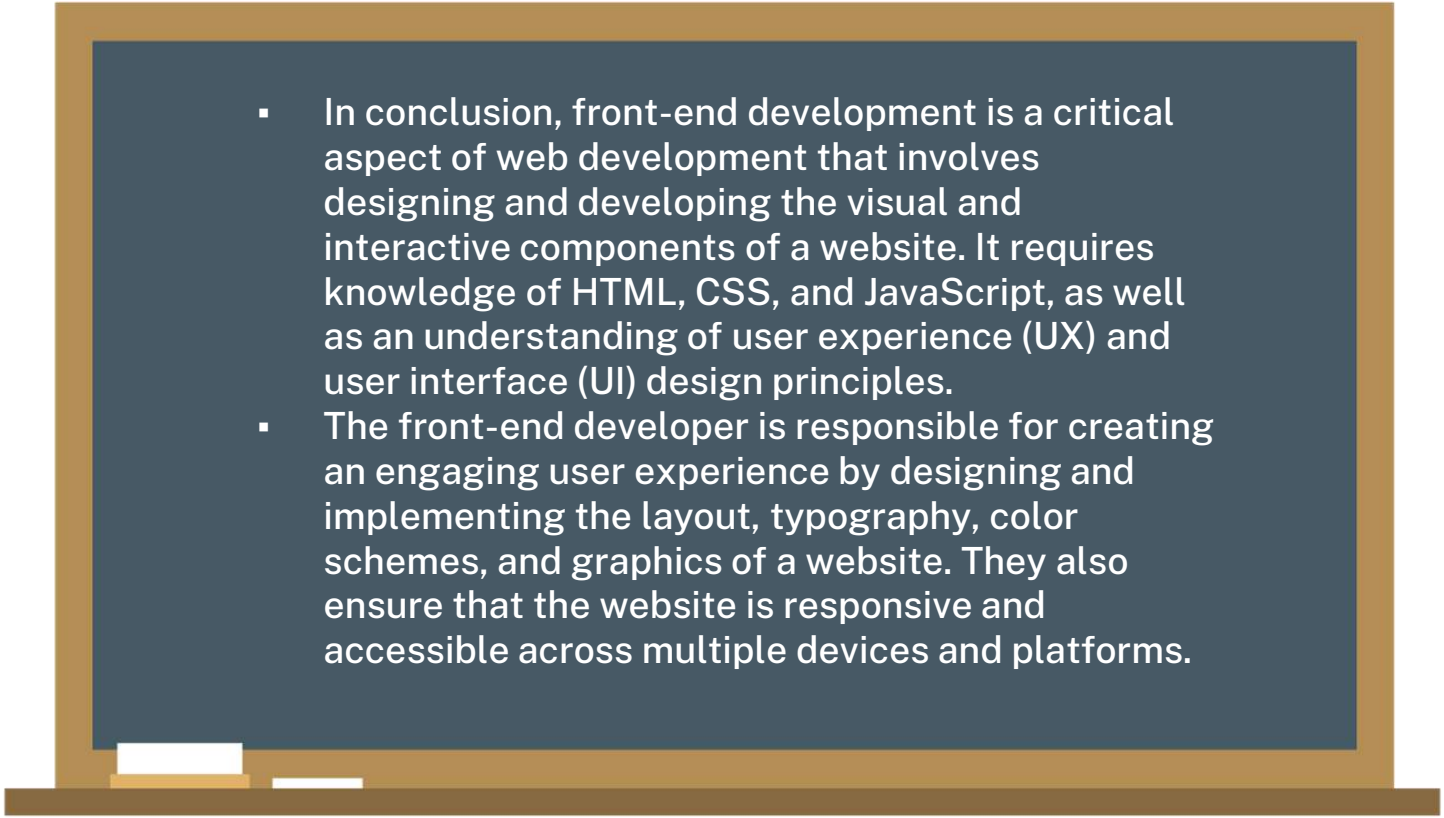
*Our Services:-

> Web Design
> Web Development
> SEO

FOOTER-

Message:
Submit
Copyright © 2023-#codetown.All Rights Reserved.
Designed & Developed by #codetown


In conclusion, front-end development is a critical aspect of web development that involves designing and developing the visual and interactive components of a website. It requires knowledge of HTML, CSS, and JavaScript, as well as an understanding of user experience (UX) and user interface (UI) design principles.
The front-end developer is responsible for creating an engaging user experience by designing and implementing the layout, typography, color schemes, and graphics of a website. They also ensure that the website is responsive and accessible across multiple devices and platforms.

Front-end development is a constantly evolving field, with new technologies and frameworks emerging regularly. Therefore, it is crucial for front-end developers to keep up with the latest trends and developments in the industry to create modern and functional websites that meet the needs of users and businesses alike.

In summary, front-end development plays a crucial role in creating visually appealing and engaging websites that attract and retain users. With the right skills and knowledge, front-end developers can create effective user interfaces that provide an exceptional user experience, thereby contributing to the success of a website and its business.

Submission Github

https://github.com/gokuhttps://github.com/gokulnath7707/money-transfer-.git

Thank you!