**HTML and CSS**

**Modern HTML and CSS**

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1. **Introduction: -**

* HTML & CSS is a comprehensive course and the latest features are FLEX, GRID, ANIMATION, VARIABLES, etc.,
* It includes sections(sandbox)

1. **What is HTML?**

* HTML stands for Hyper Text Markup language.
* HTML is not a programming language.
* Markup for creating webpages/documents.
* HTML is extremely important and relevant. But is also just the beginning.

1. **What is CSS?**

* CSS stands for Cascading Style Sheets.
* CSS is used to create documents on the web.
* It is also Styling/Stylesheet language.
* It is used for styling HTML elements.
* CSS can be extending with SASS/LESS.

1. **Roles of web technologies: -**

* HTML = Content display.
* CSS = Style and Design.
* JavaScript = Dynamic front end programming.
* PHP, Python, C#, JS = Backend programming.
* MySQL, MongoDB = Database/storage.

1. **What can HTML and CSS do?**

* We can build Static websites like Portfolios, small business sites, informational & brochure websites.
* We can build the visual part of anything like stores, social networks, etc.

1. **Basic Syntax of HTML is made of Tags, Attributes & Elements: -**

* Tags are tag names surrounded by left and right-angle brackets.
* Ex- HTML tags looks like <html> and </html>.
* First tag is called opening tag and second tag is called closing tags.
* Attributes provide extra information about an element and are always specified in the opening tag.
* Ex- Attributes <strong attribute=”value”>.
* Elements is a tag and the content that it wraps around.
* Ex- <p>this is a paragraph</p>.

**7.Creating a Comment: -**

* <!This is My Website> This line Automatically hides the line in the Browser.

**8. Meta Tags: -**

* The Meta tags are Tags or Snippets which describe Content of the page.
* Tags have Attributes and they can be called as properties.
* The Meta Charset specifies character and coding of the page.
* UTF-8 Stands of “Unicode Transformation Format-8". UTF-8 is a variable character encoding used for electronic Communication.
* The Meta Viewport tag is used for making your website or your user interface responsive to different screen sizes.

**9. HTML Block and Inline Elements: -**

* Every HTML element has a default display value, depending on what type of element it is.
* There are Two display values: - block and inline.
* Block Level Elements- A Block level Element always starts on a new line, and the browsers automatically adds some space before and after the element.
* Two commonly used Block level elements are < p > and < div >.
* The < p > Element defines a paragraph in a HTML document.
* The < div > element defines a division or a section in an HTML document.

**19.1 Some block level elements -**

* < address>
* < canvas >
* < dt >
* < footer >
* < hr >
* < aside >
* < article>
* < di >
* < p >
* < ul >
* < li >
* < t foot >
* < table >
* < section >

**9.2 HTML Inline Elements: -**

* An Inline element does not start on a new line.
* An Inline element only takes up as much as width as necessary.
* An Inline element does not contain Block level element.
* Some of the Inline Elements in HTML are:
* < a >
* < label >
* < text area >
* < input >
* < button >
* < small >
* < span >
* < output >
* < select >

**10.HTML Divs & Span, Classes & ID’s:**

* Id Attribute: - It is used to label sections or parts of your HTML document.
* Class Attribute: - It is used to classify the parts of your document.
* Div Tag: - The DIV tag is a block level HTML Element. It is used to divide or section other HTML elements into Groups.
* Span Tag: - It is an Inline HTML element that is used to group a set of inline elements.
* The div and span has no semantic value in HTML.

**11.HTML Entities: -**

* HTML entities give variety of characters, assigning icons, mathematical operators and even geometric complex shapes.

**12. HTML tags: -**

* HTML tags are used to specify way to format and display the content of web browser.

**12.1 Some Most used Tags in HTML Code:**

* <! - -> - To apply comment.
* <!DOCTYPE> - To specify the version of HTML.
* <a> - To create a Hyperlink or Link.
* <audio> - To embed Sound content in HTML.
* <b> - To apply bold content in HTML.
* <body> - To specify the body section of a HTML content.
* <button> - To create a button.
* <div> - To specify a division or section within HTML Document.
* <footer> - To specify the footer section of the Webpage.
* <form> - To specify an HTML Form.
* <h1> to <h6> - To specify Headings in HTML Document.
* <head> - To specify head section in HTML Document.
* <header> - To specify Header Section in HTML document.
* <html> - To represent root of an HTML Document.
* <i> - To represent text in different voices.
* <input> - To specify an input field within the HTML Document.
* <img> - To insert an image within HTML Document.
* <label> - To specify label text for HTML Document.
* <li> - To represent items in List.
* <ul> - To specify unordered list of Items.
* <link> - To represent a relationship between the current document and external document.
* <main> - To represent the main content of a HTML Document.

 <meta> - To specify meta document of a HTML Document.

* <nav> - To represent section of page to represent navigation Links.
* <p> - To specify paragraph in HTML Document.
* <section> - To specify a generic section for a document.
* <span> - To style and group inline.
* <style> - To add styling to HTML Document.
* <title> - To specify name or title to HTML Document.
* <tr> - To specify the row cells in HTML Document.
* <br> - The break line tag is used to break the line of code.
* <hr> - The horizontal line tag is used to put a line across a webpage.
* <base> - To specify the base URL for all the relative URLs within the document.
* <text area> - To specify multiple line inputs, such as comments, feedback and reviews etc.

**13. Creating my own project Named EDGELEDGER by using HTML and CSS:**

* First, I created a folder named EDGELEDGER-WEBSITE

**Folders:**

* Css
* Img
* Index

**14. Style.css: -**

@import url('https://fonts.googleapis.com/css2?family=Roboto&display=swap');

\*{

    box-sizing: border-box;

    margin: 0;

    padding: 0;

}

body{

    font-family: 'roboto' sans-serif;

    line-height: 1.4;

}

a{

    text-decoration: none;

}

p{

    margin: 0.75em 0;

}

/\* Utility classes \*/

.text-primary {

    color: #93cb52;

}

/\* navbar \*/

#navbar {

    display: flex;

    position: sticky;

    top: 0;

    background: #333;

    color: #fff;

    justify-content: space-between;

    z-index: 1;

    padding: 1rem;

}

#navbar ul{

    display: flex;

    align-items: center;

    list-style: none;

}

#navbar ul li a{

    color: #fff;

    padding: 0.75rem;

    margin: 0 0.25rem;

}

#navbar ul li a:hover {

    background: #93cb52;

    border-radius: 5px;

}

/\* showcase \*/

#showcase {

    background: #333 url('../IMG/showcase.webp')no-repeat center center/cover;

    height: 100vh;

    color: #fff;

}

#showcase .showcase-content {

    display: flex;

    flex-direction: column;

    text-align: center;

    justify-content: center;

    align-items: center;

    height: 100%;

    padding: 0 2rem;

    /\* overlay \*/

    position: absolute ;

    top: 60px;

    left: 0;

    right: 0;

    bottom: 0;

    background-color: rgba(0,0,0,0.4);

}

.l-heading {

    font-size: 4rem;

    margin-bottom: 0.75rem;

    line-height: 1.1;

}

.lead {

    font-size: 1.3rem;

    margin-bottom: 2rem;

}

.btn {

    display: inline-block;

    color: #fff;

    background: #93cb52;

    padding: 0.5rem 2rem;

    border: none;

    border-radius: 5px;

}

.btn:hover{

    background: lawngreen;

}

.btn-dark {

    background: #333;

    color: #fff;

}

.container {

    max-width: 1100px;

    margin: auto;

    padding: 0 2rem;

    overflow: hidden;

}

.text-center{

    text-align: center;

}

.m-heading {

    font-size: 2rem;

    margin-bottom: 0.75rem;

    line-height: 1.1;

}

.py-1 {padding: 1.5rem 0;}

.py-2 {padding: 2rem 0;}

.py-3 {padding: 3rem 0;}

.items{

    display: flex;

    padding: 1 rem;

}

.item{

    flex: 1;

    text-align: center;

    padding: 1rem;

}

.items .item i {

 background: #93cb52;

 padding: 1rem;

 border-radius: 50%;

 margin-bottom: 1rem;

}

/\* Who we are  \*/

#who {

    display: flex;

}

#who div{

    flex: 1;

}

#who .who-img{

    background: url('../IMG/img2.jpg');

}

.bg-light {

    background: #f4f4f4;

    color: #333;

}

.bg-dark {

    background: #333;

    color: #fff;

}

.p-1 {padding: 1.5rem;}

.p-2 {padding: 2rem;}

.p-3 {padding: 3rem;}

.list{

    margin: 0.5rem 0;

    list-style: none;

}

.list li {

    padding: 0.5rem 0;

    border-bottom: #444 dotted 1px;

}

/\* clients \*/

#clients .items{

    display: flex;

}

#clients .items img{

display: block;

margin: auto;

width: 60%;

}

.bg-primary {

    background: #93cb52;

    color: #fff;

}

/\* contact \*/

#contact {

    display: flex;

}

#contact .map, #contact .contact-form {

    flex: 1;

}

#contact .contact-form .form-group {

    margin: 0.75rem;

}

#contact .contact-form label {

    display: block;

}

#contact .contact-form input,

#contact .contact-form textarea {

    width: 100%;

    padding: 0.5rem;

}

**15. Index.HTML: -**

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta http-equiv="X-UA-Compatible" content="IE=edge">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <script src="https://kit.fontawesome.com/97db4d9c38.js" crossorigin="anonymous"></script>

    <link rel="stylesheet" media="screen and (max-width: 768px)" href="CSS/mobile.css">

    <link rel="stylesheet" media="screen and (min-width: 100px)" href="CSS/style.css">

    <link rel="stylesheet" href="CSS/widescreen.css">

    <title>EdgeLedger Financial | Accounting & Investment</title>

</head>

<body id="Home">

    <nav id="navbar">

        <h1 class="logo">

            <span class="text-primary">

                <i class="fas fa-book-open"></i>Edge

            </span>Ledger

        </h1>

        <ul>

        <li><a href="#Home">Home</a></li>

        <li><a href="#What">What</a></li>

        <li><a href="#Who">Who</a></li>

        <li><a href="#Contact">Contact</a></li>

        </ul>

    </nav>

    <!-- Header : showcase  -->

    <header id="showcase">

        <div class="showcase-content">

    <h1 class="l-heading">

    The Sky In The Limit

    </h1>

    <p>Lorem ipsum dolor sit amet, consectetur adipisicing elit. Impedit libero mollitia voluptatem dolor ad! Nisi.</p>

<a href="#what" class="btn">Read More</a>

</div>

    </header>

    <!-- section: what we do -->

    <section id="what" class="bg-light py-1">

<div class="container">

    <h2 class="m-heading text-center"><span class="text-primary">What</span> We Do</h2>

<div class="items">

<div class="item">

    <i class="fas fa-university fa-2x"></i>

    <div>

        <h3>Investment Banking</h3>

        <p>Lorem ipsum dolor sit, amet consectetur adipisicing elit. Vero, dignissimos!</p>

    </div>

</div>

<div class="item">

    <i class="fas fa-book-reader fa-2x"></i>

    <div>

        <h3>Portfolio Management</h3>

        <p>Lorem ipsum dolor sit, amet consectetur adipisicing elit. Vero, dignissimos!</p>

    </div>

    </div>

        <div class="item">

            <i class="fas fa-pencil-alt fa-2x"></i>

            <div>

                <h3>Tax & Custodial</h3>

                <p>Lorem ipsum dolor sit, amet consectetur adipisicing elit. Vero, dignissimos!</p>

            </div>

        </div>

</div>

    </section>

    <section id="who">

        <div class="who-img"></div>

        <div class="who-text bg-dark p-2">

            <h2 class="m-heading"><span class="text-primary">Who</span> We Are</h2>

            <p>Lorem ipsum, dolor sit amet consectetur adipisicing elit. Similique, fuga. Voluptas nobis ipsam porro, nemo, repudiandae quasi animi, distinctio quisquam et nam placeat amet iste natus.</p>

            <h3>Our Team</h3>

            <ul class="list">

                <li>Mark Smith: CEO</li>

                <li>Shannon Johnson: CFO</li>

                <li>John: Lead</li>

                <li>Janet: MANAGER</li>

                <li>Kara: SENIOR</li>

            </ul>

        </div>

    </section>

    <!-- clients -->

    <section id="clients" class="py-1">

        <div class="container">

            <h2 class="m-heading text-center">

                <span class="text-primary">Our</span> clients

            </h2>

            <div class="items py-1">

                <div><img src="./IMG/logo1.webp" alt="Client"></div>

                <div><img src="./IMG/logo2.webp" alt="Client"></div>

                <div><img src="./IMG/logo3.webp" alt="Client"></div>

                <div><img src="./IMG/logo4.webp" alt="Client"></div>

                <div><img src="./IMG/logo5.webp" alt="Client"></div>

            </div>

        </div>

    </section>

    <!-- Contact section  -->

    <section id="contact">

        <div class="contact-form bg-primary p-2">

            <h2 class="m-heading">Contact Us</h2>

            <p>Please use the below form to contact us</p>

            <form>

            <div class="form-group">

                <label for="Name">Name</label>

                <input type="text" name="name" id="name" placeholder="Enter Name">

            </div>

            <div class="form-group">

                <label for="Email">Email</label>

                <input type="Email" name="Email" id="Email" placeholder="Enter Email">

            </div>

            <div class="form-group">

                <label for="Phone">Phone Number</label>

                <input type="Number" name="Phone" id="Phone" placeholder="Enter Phone Number">

            </div>

            <div class="form-group">

                <label for="Message">Message</label>

                <textarea name="Message" id="Message" placeholder="Enter Message"></textarea>

            </div>

            <input type="submit" value="send" class="btn btn-dark">

            </form>

        </div>

        <div class="map"></div>

    </section>

    <footer id="main-footer" class="bg-dark text-center py-1">

        <div class="container">

            <p>Copyright &copy; 2019, EdgeLedger, all Rights Reserverd</p>

        </div>

    </footer>

    <script src="CSS/js/main.js"></script>

    <script

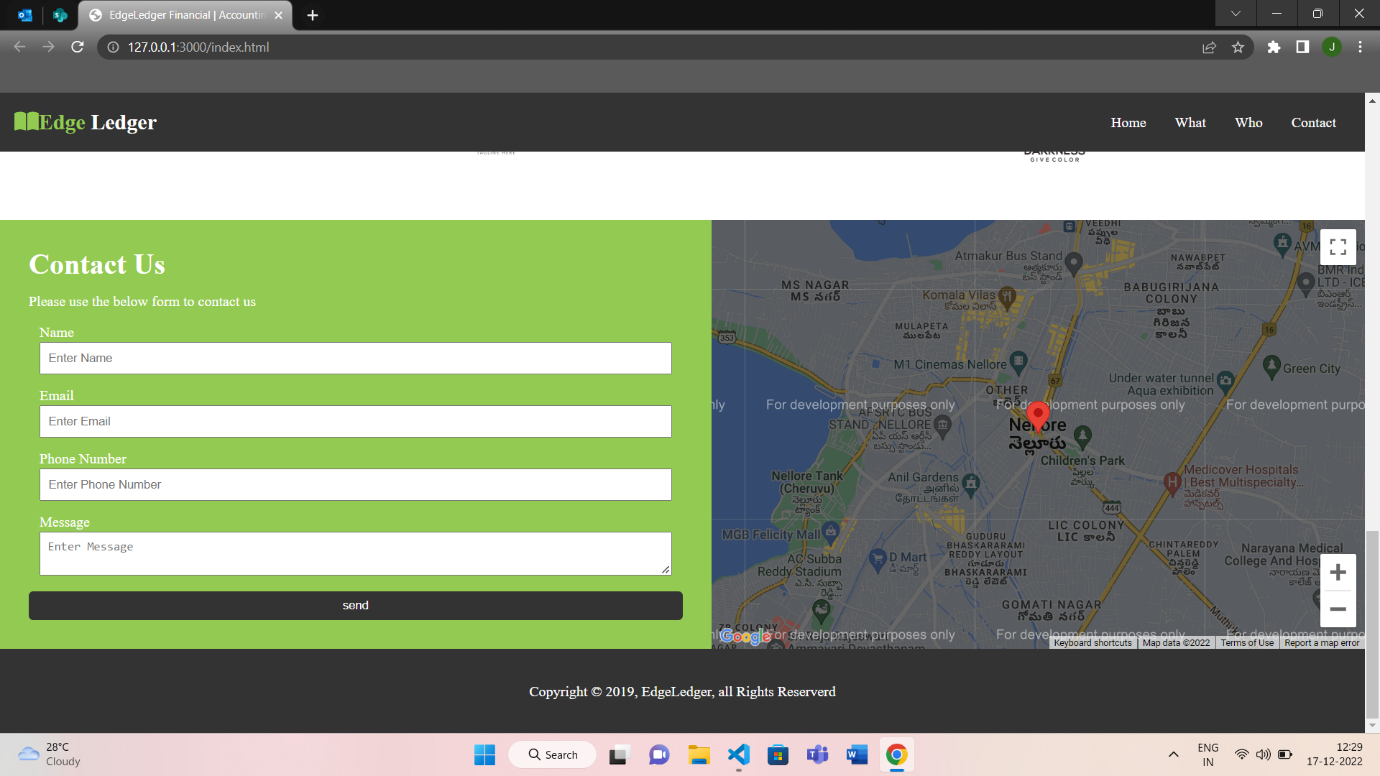
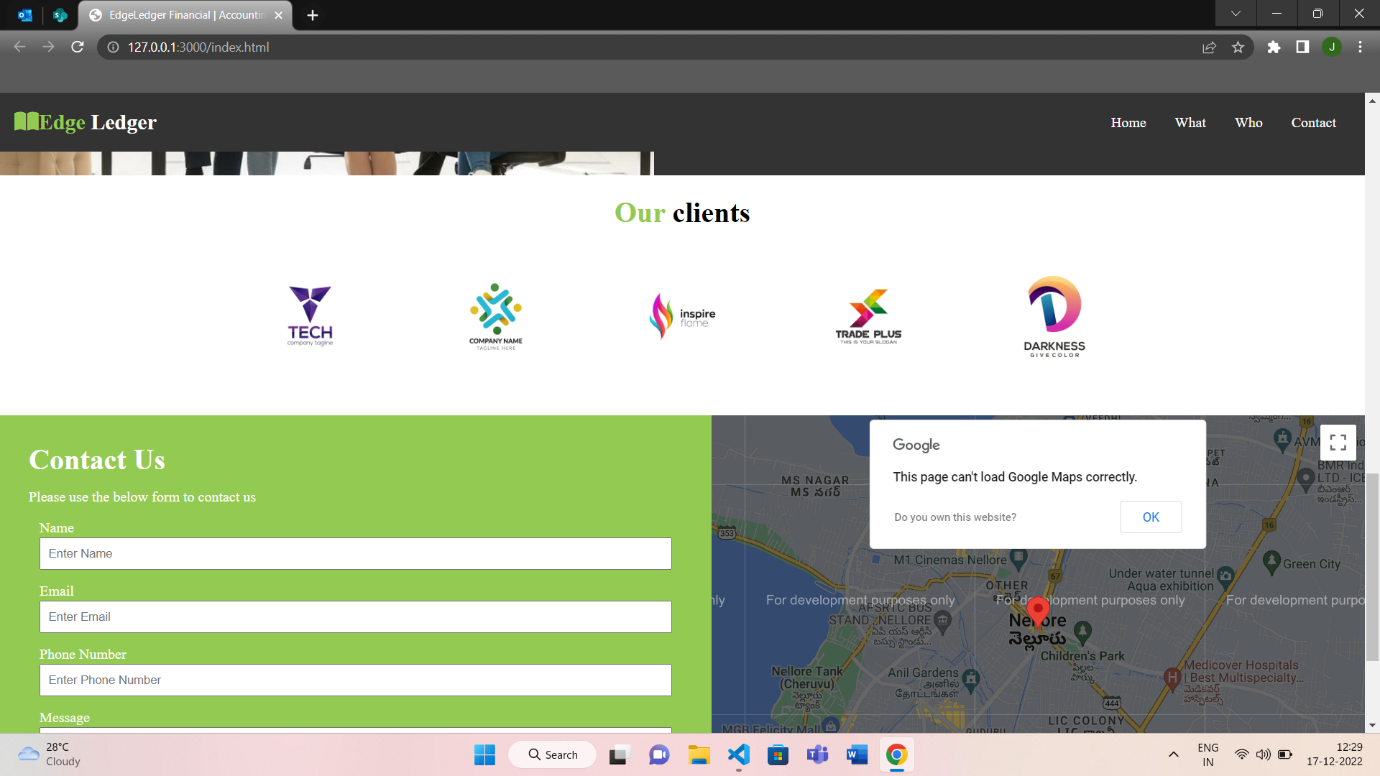
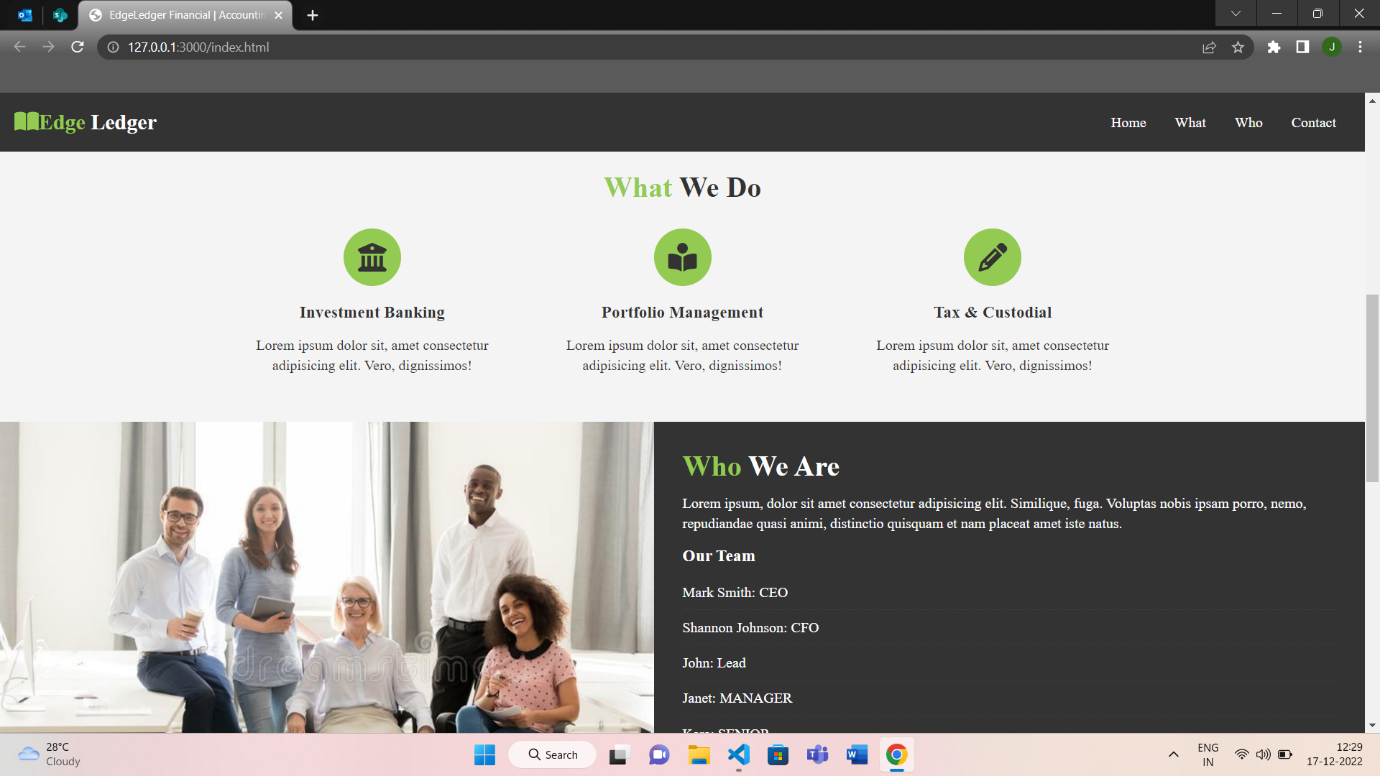
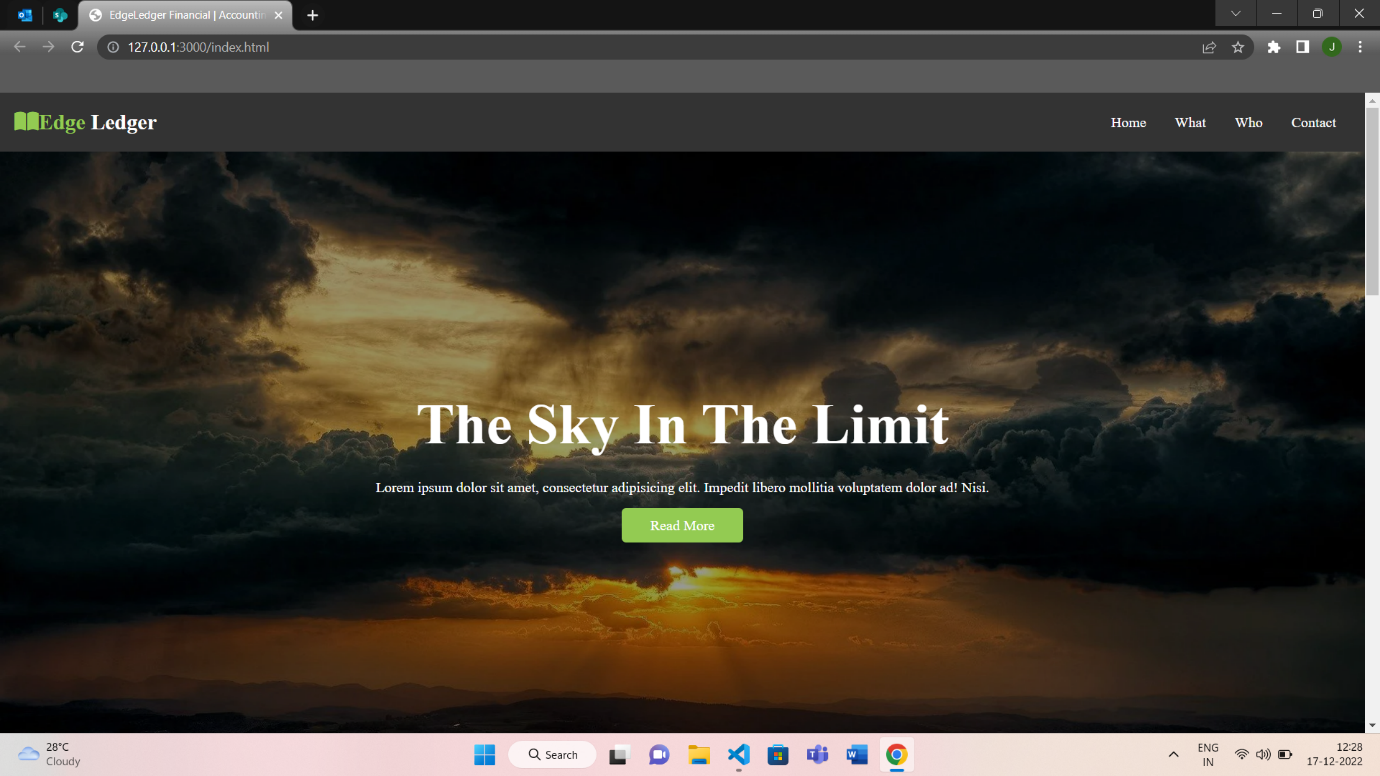
      src="https://maps.googleapis.com/maps/api/js?key=AIzaSyBntTkL2fMCyx7-qAeSAUdpgHuKnpnMzJA&callback=initMap"

    ></script>

</body>

</html>

**16.Outputs: -**

****

**THANK YOU**