HTML

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YT Link = Learn HTML – Full Tutorial for Beginners (2022)

https://developer.mozilla.org/en-US/docs/Web/HTML : HTML Document

Extension installed : 1) Prettier formatter. | for formatting in vs code .
              2) vscode-icons
            3) live server

Website to validate your html page = https://validator.w3.org/

<em> : for emphasis | Italics the content
<strong> : makes it bolder
  : non breaking space | to add spaces
<abbr title = "post graduation diploma" > PGD </abbr> || used for tool tip for the acronym used.
<address>
<!-- Here you write the comment -->
Ctrl + U : on the loaded page , a new tab will be opened with source code.

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These are called as HTML entities:

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CHAPTER 4 : LIST TYPES

   : Ordered List


```
        <li></li>
</ol>
============================
<ul>                        : Unordered List
        <li> </li>
</ul>

==================

<dl>                : Description List
        <dt></dt>   : Description term
        <dd></dd>   : Description details
</dl>


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We Use <link> attribute in head to add the images, .css files which we have on our server/local m/c

We use anchor <a> tag in the body section from which
```

1. We can add web links to the href attribute of the anchor tag
2. We can add the pages which we have on our server
3. With the help of <nav> embedded with <a> we can navigate to a particular section with the help of section id.
4. <mark> Back to Top </mark>
5. <mark><a href="/"> Return to Home Page</mark>
6. <mark><a href ="" target=_blank > Here the link will be opened in a new tab</mark>

NOTE : Ctrl + Alt + Downward arrow to copy the line
        Ctrl + D and hit D which will select the , text on which you want to change all over.

<mark style="background:lime">Important Attributes of anchor tag:</mark>


```
            <li>
                Download my image <a href="Mohan_img.jpg" download="">Mohan favicon</a>
            </li>
            <li>
                Contact me at  <a href="mailto:mohan.talawar.20@gmail.com">my email address </a>
            </li>
            <li>
                Dial <a href="tel:9860813516">my phone number</a>
            </li>
            <li>
                <a href="/">Home </a>
            </li>
```

CHAPTER 6 : ADDDING IMAGES =

There is no need for closing of img tag i.e </img> is not required bcoz it is self-closing tag.

<img src="Actual_Img" alt="image" >

Here alt is the attribute , if for some reason the Actual img is not displayed or not available then a broken img icon is showed with the text which apppers in alt.

<img src="img/html_logo_300x300.png" alt="HTML Logo" width="300" height="300">

Img Attributes : src , alt , width , height , title = its an complementary text , not mandatory **, _loading_** = "lazy or eager " eager by default

<mark style="background:lime">IMG Attribute " loading " : USEFULL WHEN DEALING WITH LOTS OF IMAGES AND TO INCREASE THE LOADING SPEED.</mark>

br*150 = it will break 150 times . Chrome will fetch/load it once we are close to that div

On chrome open html page -> inspect -> network -> Check Mark Disable cache

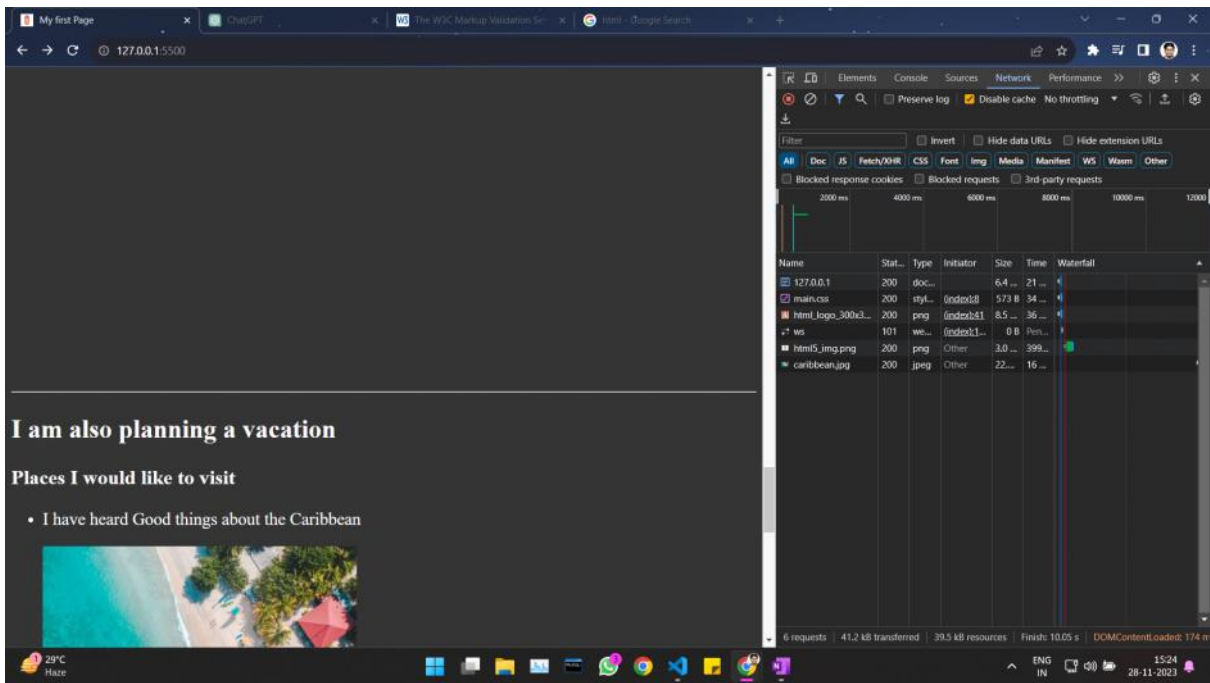Here you can witness upon scrolling once you get close to the Caribbean section caribbeab.jpg will get fetched

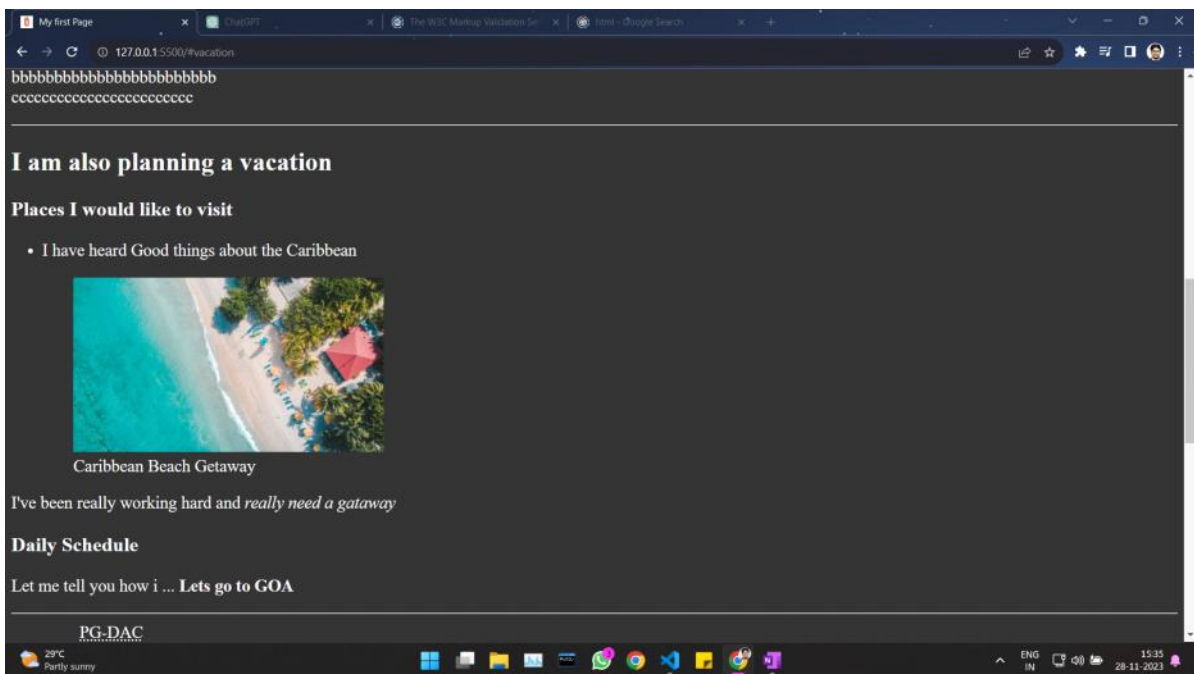Figure tag which embeds img tag and we can give a caption to it.

```
    <figure>

    <img src="img/caribbean.jpg" alt="Caribbean beach" title="this is the Caribbean Beach"
    width="400" height="225" loading="lazy">

    <figcaption>
        Caribbean Beach Getaway
    </figcaption>

    </figure>
```


LINKS :
 https://loremipsum.io/21-of-the-best-placeholder-image-generators/
https://unsplash.com/
https://www.pexels.com/
https://gratisography.com/
https://pixabay.com/
https://tinypng.com

CHAPTER 7 : SEMANTICS

<header> one or more times a page. Which embes h1 tag and start of the page
<main > One per page
<footer> one or many

Inside main
<article >
    h2 : followed by a sub heading
    <section>
    Abc
    Dnand
        <aside> || THIS can act as a Question answer type
            <details>
                <summary> || Here, Question
                <p> abdba </p> || Here, answer
            </details>
        </aside>
    </section>
<article >

CHAPTER 8 : CREATE TABLES

<table>
    <caption>My Daily Schedule</caption>

My Daily Schedule	
Time	**Activity**
8am-11am	Write Code
11am-12pm	Eat Lunch
12am- 5pm	Study for other courses
Sports Time	
All Other times	Free Time
	Sleep

SYNTAX :

```
<table>
 <caption>Sample Table</caption>
 <thead>
  <tr>
   <th>Header 1</th>
   <th>Header 2</th>
   <th>Header 3</th>
  </tr>
 </thead>
 <tbody>
  <tr>
   <td>Data 1</td>
   <td>Data 2</td>
   <td>Data 3</td>
  </tr>
  <tr>
   <td>Data 4</td>
   <td>Data 5</td>
   <td>Data 6</td>
  </tr>
```

```html
    <!-- Add more rows as needed -->
  </tbody>

<tfoot>
</tfoot>
</table>

</body>
</html>
```

==

CHAPTER 9 : FORMS & INPUTS

```html
<form action="/submit_form" method="post">
  <label for="username">Username:</label>
  <input type="text" id="username" name="username"><br><br>

  <label for="password">Password:</label>
  <input type="password" id="password" name="password"><br><br>

  <label for="email">Email:</label>
  <input type="email" id="email" name="email"><br><br>

  <label for="age">Age:</label>
  <input type="number" id="age" name="age"><br><br>

  <label for="birthdate">Birthdate:</label>
  <input type="date" id="birthdate" name="birthdate"><br><br>

  <label for="color">Favorite Color:</label>
  <input type="color" id="color" name="color"><br><br>

  <label for="file">Upload File:</label>
  <input type="file" id="file" name="file"><br><br>

  <label for="subscribe">Subscribe:</label>
  <input type="checkbox" id="subscribe" name="subscribe"><br><br>

  <label for="gender">Gender:</label>
  <input type="radio" id="male" name="gender" value="male">
  <label for="male">Male</label>
  <input type="radio" id="female" name="gender" value="female">
  <label for="female">Female</label><br><br>

  <label for="comment">Comment:</label><br>
  <textarea id="comment" name="comment" rows="4" cols="50"></textarea><br><br>

  <input type="submit" value="Submit">
</form>
```

==

```html
<form action="/submit_form" method="post">
  <label for="country">Select a Country:</label>
  <select id="country" name="country">
    <option value="usa">United States</option>
    <option value="canada">Canada</option>
    <option value="uk">United Kingdom</option>
    <option value="australia">Australia</option>
    <option value="germany">Germany</option>
  </select><br><br>

  <label for="interests">Select Your Interests:</label>
  <select id="interests" name="interests" multiple>
    <option value="sports">Sports</option>
    <option value="music">Music</option>
    <option value="movies">Movies</option>
    <option value="books">Books</option>
    <option value="travel">Travel</option>
  </select><br><br>

  <input type="submit" value="Submit">
```

<option value="travel">Travel</option>
```
  </select><br><br>

  <input type="submit" value="Submit">
</form>
```

Something New :

```
<button type="submit" formaction="https://httpbin.org/post" formmethod="post">Post</button>
```

CHAPTER 10 || HTML FINAL PROJECT

- If in the folder , you name an image as "favicon.ico" it will by default add an image in the upper tab section besides title.
- Or for the same you can add image with <link rel="" href="" type=" "> in the head section.

Note : Linking a particular section from another page :

```
<li>
        <a href="/#aboutLts">About LTS</a>  ||  "/#id"
</li>
```

We are open 7 days a Week!

Sunday-Thursday
   11am-9pm
Friday-Saturday
   11am -11pm

Back to Top

```
        <dl>
            <dt>Sunday-Thursday</dt>
            <dd>11am-9pm</dd>
            <dt>Friday-Saturday</dt>
            <dd>11am -11pm</dd>
        </dl>
```