**HTML**

* **HTML:** Hyper Text Markup Language, HTML is the code that is used to structure a web page and its content. The component used to design the structure of websites are called HTML Tags
* **HTML Tags:**
* <!DOCTYPE html> =tells browser you are using html5
* <html> = root of all html document
* <head> = container for metadata
* <title> My first page </title> = page title
* <body> = contains all data rendered by the browser
* <p> This is a paragraph </p> = paragraph tag
* <!— content--> Comment tag
* Heading tags = h1-most important,h2,h3,h4,h5,h6-least important size of the font decreases
* <a href =”link address”>”display idea”</a> =same tab

<a href =”link address”> target=”\_main”</a> = new tab

* <img src=” image address” ,alt=word that need to be displayed in the place of image, height and width are also used
* <br> tag – breaks the sentence
* <b> Bold </b> , <i> Italic</i>, <u> Underline </u>
* <big> This tag uses for big text </big>
* <small> this tag uses for small text </small>
* <hr> tag horizontal line which separates two sentences
* <sub> Subscript </sub> Ex: h20 , <sup> Superscript </sup>

Ex: A power n

* <pre> tag = used to display the text as it is

**EXAMPLE:**

<!DOCTYPE html>

<html>

<title>My Details</title>

<body>

<h1>Leela </h1>

<h2>Leela </h2>

<h3>Leela </h3>

<h1 style="background-color:tomato;">hello</h1>

<p>My Scholling done in Sri chaitanya High School,Tangutur.<br>My Intermediate completed in Sri Gayathri Jr College,Vijayawada</br><br>I am pursuing in vasireddy Venkatadri Institute of Technology</p>

<a href="https://www.vvitguntur.com/">VVIT College Website Link</a>

<img src="C:\Users\Krishna\Downloads\vvit.jpg">

<b>Bold Text represents with b letter</b>

<i>italic Text represents with b letter</i>

</body>

</html>

* **Semantic Tags:**
* <Header>
* <main>
* <section> = divides the main tag into sections
* <article> =from an article on your page
* <aside> = for content aside main content(ads)
* Footer tag
* **Non-semantic tags:**
* <div> =takes all width
* <span> = takes width as per size
* **List in HTML**
* Unordered: bullet points <ul> and <li> tags
* Ordered: numbered <ol> and <li>
* **Tables in HTML**
* <tr> = table row
* <th> = table header
* <td> = table data
* <caption> = gives caption to the table
* <thead> = to wrap table head
* <tbody> = to wrap table body
* **Forms in HTML**
* collect data from the user Ex:-sign up/login/help requests/contact me
* Action in form: Action attribute is used to define what action needs to be performed when a form is submitted

<form action=”/action.php”>

* <input type=”text”placeholder=”Enter name”>
* <input type=”radio” value=”radiobutton” name=”class” id=”12”>
* <input type=”checkbox” value=”checkbox item” name=”class” id=”12”>
* <textarea> = gives a empty box like giving feedback
* Select = which dropdown specify options whatever u need