**HTML:*Hyper Text Markup Language*** is the most widely used language to write webpages.it is a markup language.

**Hypertext :**Refers to the way in which web pages are linked together.

**Markup Language:** The user simply markups a text document with tags that tell a webbrowser how to structure it to display

Markup language is a text-encoding system consisting of a set of symbols inserted in a text document to control its structure, formatting, or the relationship between its parts. Markup is often used to control the display of the document or to enrich its content to facilitating automated processing

The most widely used markup languages are SGML (Standard Generalized Markup Language), HTML (Hypertext Markup Language), and XML (Extensible Markup Language). ***The markup symbols can be interpreted by a device (computer, printer, browser, etc.) to control how a document should look when printed or displayed on a monitor.*** A marked-up document thus contains two types of text: text to be displayed and markup language on how to display it.

Instructions to write HTML code

1. Take any one text editor such as Notepad, Visual Studio code, sublime etc. Prefer Notepad for the introductory labs
2. Write your HTML code. Save it with extension .html
3. Right click your code file and open with a Browser.

**If you are using Visual Studio Code**

1. New file -🡪 HTML file -🡪 save it with .html extension
2. Start write your code
3. Click on Run and Debug option to open your web page in a web browser

General structure of a Web Page

***<html>***

***<head> ……</head>***

***<body>***

***…. Here we include the content to be displayed.***

***</body>***

***</html>***

An HTML document starts and ends with <html> and</html> tags.These tags tell the browser that the entire document is composed inHTML.Inside these two tags,the document is split into 2 sections:

1. The <head>……</head> elements contain information about the document such as titleof the document etc.
2. The <body>…. </body> elements contains the real content of the document that you seeon your screen.

*Sometimes we use the term “elements” in HTML. An HTML element is defined by a start tag, some content, and an end tag. Elements which include both opening and closing tags.*

***<tagname>Content goes here...</tagname>***

*HTML elements tell the browser how to display the content*

*Refer the tag list in the link :* [*https://www.w3schools.com/tags/ref\_byfunc.asp*](https://www.w3schools.com/tags/ref_byfunc.asp)

**Q1**

1. Create a blank web page with title “my first web page”.*{hint: use <title> tag}*
2. Create a Web page with one paragraph of data about your college Try to add different headings in different sizes. {Hint : use <p>, heading tags }

***Sample text given below***

Amrita Vishwa Vidyapeetham

Amrita Vishwa Vidyapeetham (or Amrita University) is a private deemed university based in Coimbatore, India. It currently has 7 campuses with 16 constituent schools across the Indian states of Tamil Nadu, Kerala, Andhra Pradesh and Karnataka with the headquarters at Ettimadai, Coimbatore, Tamil Nadu.[9] It offers a total of 207 undergraduate, postgraduate, integrated-degree, dual-degree, doctoral programs in engineering and technology, medicine, business, arts and culture, sciences, biotechnology, agricultural sciences, allied health sciences, Ayurveda, dentistry, pharmacy, nursing, nano-sciences, commerce, humanities and social sciences, law, literature, spiritual studies, philosophy, education, sustainable development, mass communication and social work.

History

The university was founded with the opening of Amrita School of Engineering, Coimbatore in 1994 by Mata Amritanandamayi Devi and is managed by her international humanitarian organisation Mata Amritanandamayi Math. In 2003, it became one of the youngest institutes to be accredited as a deemed to be university by the UGC.[10] In 2002, campuses in Amritapuri and Bangalore were started.[11][12]

Campuses

Amritapuri Campus

The university has six campuses, with 15 constituent schools in rural and urban sites in four south Indian states – Tamil Nadu, Kerala, and Karnataka.[9] The first to be established was the Coimbatore campus in 1994, with the opening of Amrita School of Engineering at Ettimadai, a village about 20 km east of Coimbatore. Amrita Institute of Medical Sciences (AIMS) in Edapally, Kochi was inaugurated on 17 May 1998 by the then Prime Minister, Atal Bihari Vajpayee. Later in 2002, two campuses were opened, one urban campus at Bengaluru, and one rural campus in Amritapuri village, which also hosts the headquarters of the Mata Amritanandamayi Math that runs the university. In 2019, an engineering campus was opened at Chennai. Currently, two new healthcare campuses are being constructed at Faridabad, Haryana[13] and Amaravati, Andhra Pradesh.[14]

1. Give a background color for your web page created in the previous question. {hint : use attribute bgcolor of <body> }
2. Make the word “Amrita” bold and Italics where ever in the paragraph. {hint: use <b> tag}
3. Under line all headings. Give an underline for all place names in the content
4. Display one image of your college on the top of the web page , align it to center , also adjust the size of the image using the attribute height and width. {hint : use align attribute align=left , right ,center or justify }
5. Make the word “Amrita university” as superscript and make the word “deemed university” as subscript.
6. Add a horizontal line after each heading {hint: use <HR> tag – horizontal line tag ,its an empty tag}
7. Try to use <br> break tag in some of the sentence to display the content to the next line
8. Justify the complete content on your web page
9. Try to add a scrolling text below your web page : **<marquee direction=right> the scrolling text</marquee> (direction attribute values are , left , right, up down)**

**Q2**

1. Create a page to show different character formatting (B, I, U, SUB, SUP) tags.



1. Prepare Your Bio data neatly and display it in a web page {use appropriate tags to make the Bio beautiful}