



# TRINITY COLLEGE FOR WOMEN NAMAKKAL

DEPARTMENT OF COMPUTER SCIENCE

**WEB TECHNOLOGY [21UCS08/21UCA11]  
EVEN SEMESTER**

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# INTRODUCING HTML AND XHTML

- HTML stands for **Hyper Text Markup Language**
- HTML is the standard markup language used for creating **Web pages**
- There have been several versions of HTML since the Web began, and the development of the language is overseen by an organization called the **W<sub>3</sub>C** (World Wide Web Consortium).
- The First version of HTML was written by Tim Berners Lee in 1993.

- The last major version of HTML was **HTML 4.01** in December 1999.
- In January 2000, some stricter rules were added to HTML 4.01, creating what is known as XHTML (Extensible Hypertext Markup Language),
- Whenever you write a web page in XHTML, the whole of the page is contained between the opening `<html>` and closing `</html>` tags. Inside the `<html>` element, there are two main parts to the page: `<head>` element and `<body>` element.

- A Simple HTML Document

- `<!DOCTYPE html>`

- `<html>`

- `<head>`

- `<title>III BSC CS</title>`

- `</head>`

- `<body>`

- `<h1>WELCOME</h1>`

- `<p>my first html document.</p>`

- `</body>`

- `</html>`

## ● **Example Explained**

- The `<!DOCTYPE html>` declaration defines that this document is an HTML5 document
- The `<html>` element is the root element of an HTML page
- The `<head>` element contains meta information about the HTML page
- The `<title>` element specifies a title for the HTML page (which is shown in the browser's title bar or in the page's tab)
- The `<body>` element defines the document's body, and is a container for all the visible contents, such as headings, paragraphs, images, hyperlinks, tables, lists, etc.
- The `<h1>` element defines a large heading
- The `<p>` element defines a paragraph

- ***Tags and Elements:***

- An HTML element is defined by a start tag, some content, and an end tag:

- `<tagname> Content goes here... </tagname>`

- The HTML **element** is everything from the start tag to the end tag:

- `<h1>My First Heading</h1>`

- The opening tag says “This is the beginning of a heading” and the closing tag says “This is the end of a heading.”

- `<p>My first paragraph.</p>`

- **The <head> element:** Often referred to as the head of the page, this contains information *about* the page (this is not the main content of the page). It consists of the opening <head> tag, the closing </head> tag, and everything in between.
- **The <body> element:** Often referred to as the body of the page, this contains the information you actually see in the main browser window. It consists of the opening <body> tag, closing </body> tag, and everything in between.



- `<html>`  
`<head>`  
`<title>III BSC CS</title>`  
`</head>`  
`<body>`  
`<h1>WELCOME</h1>`  
`</body>`  
`</html>`





**THANK YOU**

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