

Assignment-5

Answer-1 : Traditionally, Hello World programs are used to illustrate how the process of coding works, as well as to ensure that a language or system is operating correctly. They are usually the first programs that new coders learn, because even those with little or no experience can execute Hello World both easily and correctly. In the other word we can say, “we entered the world of programs”.

Answer-2 : Comment is the important part of code. Adding comments, anybody can easily understand the code. Comments are a way to make a code more readable by providing more descriptions. Comments can include a description of an algorithm to make code understandable. Comments can be used to prevent the execution of some parts of the code. There is a syntax for writing comments in html.

Syntax : `<!-- Write your comments here --> ...`

Answer-3 : Element - An HTML element is defined by a start tag, some content, and an end tag. HTML

Elements. The HTML element is everything from the start tag to the end tag. **For Example :** “ **<h1> Hello World </h1>**” , this is called element.

Tags - HTML tags are like keywords which define how a web browser will format and display the content. With the help of tags, a web browser can distinguish between an html content and a simple content. HTML tags contain three main parts: opening tag, content and closing tag. **For example :** **<h1> ... </h1>** , **** , **<a> ... ** are the tags of html.

Attributes - Every tag has some property that is called attributes of tags. Attributes make content attractive. Attributes add extra features in content , **like color, bg color , src , href etc.** **Syntax :**
<tagname
attributename="value">....content....</tagname>

Difference : When tags with content are called elements.

Tags without content are called tags.

An attribute is a part of tags which is used in the tags.

Answer-4 : Entity of HTML - Entity means piece of text. Some characters and symbols are reserved in HTML. If we use the less than (<) or greater than (>) signs in our text, the browser might mix them with tags. Character entities are used to display reserved characters in HTML. A character entity looks like this: To display a less than sign (<) we must write: < or <.