1. **Why do we start learning a programming language with “Hello World!**

**Ans**. We start learning a programming language with “hello world! Because, 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.

1. **How is the use of comments and how do you write comments in HTML?**

**Ans.** HTML comments are not displayed in the browser, but they can help document your HTML source code. We can right relative information about our code in the comments.

Comments Are very useful for understanding the codes written by someone else also it is very easy to make any changes if comments are written in any code.

**Syntax to right comments in html:**

<!-- Write your comments here -->

1. **What are Elements, tags and attributes and the difference between them.**

**Ans. HTML elements:** Elements enclose the contents in between the tags. They consist of some kind of structure or expression. It generally consists of a start tag, content and an end tag.

**Example:** <b> hello </b>

**HTML Tags:** Tags are the starting and ending parts of an HTML element. They begin with < symbol and end with > symbol. Whatever written inside < and > are called tags.

**Example:** <b> </b>

**HTML Attributes:** It is used to define the character of an HTML element. It always placed in the opening tag of an element. It generally provides additional styling (attribute) to the element.

**Example: <p align="center"> my name is rohit </p>**

**Difference between html tags, elements and attributes:**

| **HTML Tags** | **HTML Elements** | **HTML Attributes** |
| --- | --- | --- |
| HTML tags are used to hold the HTML element. | HTML element holds the content. | HTML attributes are used to describe the characteristic of an HTML element in detail. |
| HTML tag starts with < and ends with > | Whatever written within a HTML tag are HTML elements. | HTML attributes are found only in the starting tag. |
| HTML tags are almost like keywords where every single tag has unique meaning. | HTML elements specifies the general content. | HTML attributes specify various additional properties to the existing HTML element. |

1. **Briefly explain what HTML entities are.**

**Ans.** HTML character entities are used as a replacement of reserved characters in HTML. You can also replace characters that are not present on your keyboard by entities.

These characters are replaced because some characters are reserved in HTML. HTML entities provide a wide range of characters which can allow you to add icons, geometric shapes, mathematical operators, etc.

**For example:** if you use less than (<) or greater than (>) symbols in your text, the browser can mix them with tags that's why character entities are used in HTML to display reserved characters.