## HTML Task

1. What is HTML? Give basic structure of the HTML page.

* HTML stands for Hypertext Markup Language.
* HTML describes the structure of web pages.
* HTML consists of series of elements called tags which describes the content of the web page

1. Difference between inline and block level element.

INLINE ELEMENTS:

* Inline elements take the width which is necessary without occupying the entire width.
* Ex: <span>, <a>

BLOCK ELEMENTS:

* Block elements takes the full width which is available and has line break before and after it.
* Ex: <h1>, <h2>, ….. , <h6>, <ol>, <ul>

## CSS Task

1. Explain the different ways in which CSS can be applied to HTML, what is the preferred way and why.

DIFFERENT WAYS:

* Inline – using style attribute inside HTML tags
* Internal – using <style> tag in head section
* External – using <link> tag to an external CSS file

PREFERRED WAY:

* The preferred way to apply CSS to HTML is External styles.
* A style sheet can be imported and can be used in other style sheets.
* It avoids repeating the styles for each page.
* Different style sheets can be attached to same document.

1. What are different CSS selectors, with example explain Element, Class and Id selectors.

The three major CSS selectors are

* Element selector
* Id selector
* Class selector

There are other types like universal selector, attribute selector, etc.

ELEMENT SELECTOR:

It selects the elements of HTML based on the name of element.

EX:

h1{

color: black;

text-align: center;

}

CLASS SELECTOR:

It selects the HTML elements with the help of class name.

EX:

.header{

color: black;

text-align: center;

}

Id selector:

It selects the HTML elements with the help of id name.

EX:

#username{

color: black;

text-align: center;

}

1. With the help of a diagram explain CSS Box Model.

CSS Box Model is a box that wraps around every HTML element.

It consists of:

BORDER

MARGIN

Margins

PADDING

Borders

CONTENT

Padding

Content

# JavaScript

1. List down ways in which JavaScript command can be added to a webpage, what is the preferred way.

* There are typically three ways to add JavaScript to a web page:
* Embedding code - Embedding the JavaScript code between a pair of <script> and </script> tag.
* External file - Creating an external JavaScript file with the .js extension and then load it within the page through the src attribute of the <script> tag.
* Inline code - Placing the JavaScript code directly inside an HTML tag and using attributes such as onclick, onkeypress, etc.
* The scripts should be included at the end of the body tag because HTML will be parsed by the browser and displayed before the scripts are loaded.