



ASSIGNMENT - 01

myCOMPANION

- * Title → (i) Using HTML 5 layout tags develop informative page with sections which include various images, links and other resources.
- (ii) Apply CSS properties, border, margin, padding, navigation, dropdown, list to page created in the first assignment.

* Theory →

• HTML :

It is a markup language used for structure and presenting content on the world wide web page.

• Tags :

1. `<HTML>` - Start of HTML document
2. `<HEAD>` - Contains meta information about the web page
3. `<TITLE>` - Title of webpage present on browser
4. `<BODY>` - contains all the main contents of a web page and all other tags.
5. `<H1>` - Defines the most important heading of web page.
6. `<FORM>` - This element is a container for different types of input elements such as text fields, checkboxes, radiobuttons etc.
7. `<VIDEO>` - Shows a video in HTML
8. `` - This tag is used to display an image on the web page. ``
9. `<A>` - Defines a hyperlink.
10. `<DIV>` - This tag defines a division or a section in HTML



- Advantages :

1. Provides audio and video support
2. Code is clear and consistent
3. Not proprietary code

- Example :

```
<!DOCTYPE HTML>
```

```
<HTML>
```

```
  <HEAD>
```

```
    <TITLE>
```

```
  </TITLE>
```

```
  </HEAD>
```

```
  <BODY>
```

```
    :
```

```
  </BODY>
```

```
</HTML>
```

- CSS (Cascading Style Sheets) :

It is a style sheet language used for describing the presentation of a document written in mark up language such as HTML.

- CSS Syntax :

A CSS rule set consists of a selection and a declaration blocks.

```
H1 { color : blue ; Font-size : 12 px ; }
```

selector property value -

The selector points to the HTML element you want to style.

selectors →

id - selects elements by id name

class - selects based on class

* - selects all elements



Properties →

margin - Used to create space around element, outside of defined borders

padding - Used to generate space around elements, inside any defined border

color - To change color of font

background-color - Allows to change the background color of HTML page

• Advantages :

1. Less complexity
2. Simplifies development as well as maintenance
3. Applies ~~consistently~~ consistently across variety of sites.

• Disadvantages :

1. Lack of security
2. Renders different sizes for each browser

* Conclusion → Thus in this assignment, I created a webpage on Interesting and Intriguing facts using HTML and CSS.