

K. J. Somaiya College of Engineering, Mumbai-77
(A Constituent College of Somaiya Vidyavihar University)

Batch:B2 Roll No.: 110

Experiment No. 02

TITLE: Develop and demonstrate the usage of inline, internal and external style sheet using CSS

AIM: To demonstrate usage of CSS

Expected Outcome of Experiment: Use CSS to prepare the layout of web pages.

Books/ Journals/ Websites referred:

1. .W3 schools

Importance of CSS in designing of a website is to be explained. Explain various ways to use CSS. Also explain how to change background colour of page, adding and editing border types, adding navigation bars, usage of various types of 2D and 3D transformation.

Description of the CSS style code with its effect at output:

(Code too long to be placed here, please refer GitHub repository for entire code)

<https://github.com/Aatmaj-Zephyr/TMRT-Website-2021-22/tree/main>

Website is live at

<https://aatmaj-zephyr.github.io/TMRT-Website-2021-22/>

Post Lab Objective with Ans (Min 5):

- **What is the Box model in CSS? ...**

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In CSS, the term "box model" is used when talking about design and layout. The CSS box model is essentially a box that wraps around every HTML element. It consists of: margins, borders, padding, and the actual content.

- **What are the advantages of using CSS? ...**

There are a number of benefits of CSS, including:

- 1) Faster Page Speed. More code means slower page speed. ...
- 2) Better User Experience. CSS not only makes web pages easy on the eye, it also allows for user-friendly formatting. ...
- 3) Quicker Development Time. ...
- 4) Easy Formatting Changes. ...
- 5) Compatibility Across Devices.

- **What are the limitations of CSS?**

- Browser Compatibility: Some style selectors are supported and some are not. ...
- Cross Browser issue: Some selectors behave differently in a different browser).
- There is no parent selector: Currently, Using CSS, you can't select a parent tag.

- **What are the different types of Selectors in CSS?**

CSS Selectors

- Simple selectors (select elements based on name, id, class)
- Combinator selectors (select elements based on a specific relationship between them)
- Pseudo-class selectors (select elements based on a certain state)
- Pseudo-elements selectors (select and style a part of an element)