# Experiment 04

Aim: Create webpage to implement CSS3 selectors, Pseudo classes, Pseudo elements.

**Requirements:** Chrome, VSCode

## **Theory:**

CSS selectors are used to "find" (or select) the HTML elements you want to style. We can divide CSS selectors into five categories:

- Simple selectors (select elements based on name, id, class)
- <u>Combinator selectors</u> (select elements based on a specific relationship between them)
- Pseudo-class selectors (select elements based on a certain state)
- <u>Pseudo-elements selectors</u> (select and style a part of an element)
- Attribute selectors (select elements based on an attribute or attribute value)

A pseudo-class is used to define a special state of an element.

For example, it can be used to:

- Style an element when a user mouses over it
- Style visited and unvisited links differently
- Style an element when it gets focus

A CSS pseudo-element is used to style specified parts of an element.

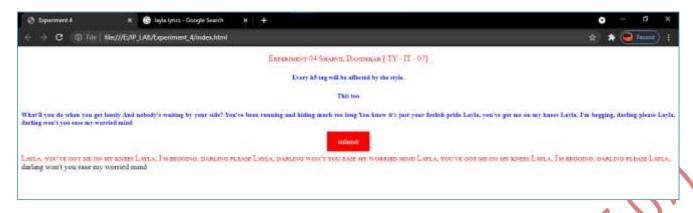
For example, it can be used to:

- Style the first letter, or line, of an element
- Insert content before, or after, the content of an element

### **Output:**



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### [On Hover]

Batch 1. P. LRB. Sharill Dandekal **Conclusion:** By using Pseudo elements and classes we can make user friendly and beautiful websites. CSS selectors