

## 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)
- [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)
- [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:**





[On Hover]

**Conclusion:** By using Pseudo elements and classes we can make user friendly and beautiful websites. CSS selectors help in selecting element from html and give styling to the same.

**References:** <https://www.w3schools.com>