



# Vidyavardhini's College of Engineering and Technology

## Department of Artificial Intelligence & Data Science

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Experiment No.2
Perform various CSS3 Selectors for decorating the webpage.
Date of Performance:
Date of Submission:
Name: Sunit Sunil Khaire
Roll No.: 19



## **Experiment 2**

**Aim:** Identify and apply the appropriate CSS tags to format data on webpage

### **Theory:**

#### Introduction of CSS

CSS stands for Cascading Style Sheets. CSS describes how HTML elements are to be displayed on screen, paper, or in other media. CSS saves a lot of work. It can control the layout of multiple web pages all at once. External style sheets are stored in CSS files.

#### Syntax:

CSS rule consists of a selector and a declaration block. The selector points to the HTML element you want to style. The declaration block contains one or more declarations separated by semicolons. Each declaration includes a CSS property name and a value, separated by a colon.

Multiple CSS declarations are separated with semicolons, and declaration blocks are surrounded by curly braces.

There are three ways of inserting a style sheet:

- External CSS
- Internal CSS
- Inline CSS

### **Code:**

```
body {  
    font-family: Arial, sans-serif;  
}  
  
h1, h2, h3 {  
    color: #333;  
}  
  
header {  
    background-color: #eee;  
    padding: 20px;  
}  
  
nav ul {  
    list-style-type: none;
```



```
margin: 0;
padding: 0;
}
nav li {
    display: inline-block;
    margin-right: 20px;
}
main {
    max-width: 800px;
    margin: 0 auto;
    padding: 20px;
}
footer {
    background-color: #eee;
    text-align: center;
    padding: 20px;
}
a {
    color: #007bff;
    text-decoration: none;
}
a:hover {
    text-decoration: underline;
}
article {
    margin-bottom: 40px;
}
aside {
    border: 1px solid #ddd;
    padding: 20px;
}
```



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### Output:

**Page Heading**  
[Home](#) [About](#) [Contact](#)

**Article Heading**  
Lorem ipsum dolor sit amet, consectetur adipiscing elit. Pellentesque vel venenatis felis. Fusce eu mollis orci.

**Section Heading**  
Lorem ipsum dolor sit amet, consectetur adipiscing elit. Pellentesque vel venenatis felis. Fusce eu mollis orci.

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### Conclusion:

Cascading StyleSheets (CSS) provides different approaches to developers in order to build standard web pages.



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