

# COMSATS University Islamabad

## Abbottabad Campus



Assignment No. 5

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Class: BCE-7A

Course: Web Technologies

Instructor: Engr. Engr. Muhammad Naveed Sheikh

Date: 17 September 2025

Department of Computer Engineering  
COMSATS University Islamabad, Abbottabad Campus

```

1  |<!DOCTYPE html>
2  |<html lang="en">
3  |<head>
4  |    <meta charset="UTF-8">
5  |    <meta name="viewport" content="width=device-width, initial-scale=1.0">
6  |    <title>Experiment 5: CSS Selectors</title>
7  |    <link rel="stylesheet" href="lab5.css">
8  |</head>
9  |<body>
10 |
11 |    <h1 id="main-title">Lab 5: Exploring CSS Selectors</h1>
12 |    <h2>Understanding Different Types of Selectors</h2>
13 |    <p>This is a normal paragraph styled using an element selector.</p>
14 |    <p class="highlight">This paragraph is highlighted using a class selector.</p>
15 |    
16 |    <div>
17 |        <p>This paragraph is inside a div and styled using a descendant selector.</p>
18 |        <ul>
19 |            <li class="item1">First item </li>
20 |            <li class="item2">Second item</li>
21 |            <li class="item3">Last item </li>
22 |        </ul>
23 |    </div>
24 |
25 |    <div>
26 |        <ul>
27 |            <li>Child item 1 (styled with child selector)</li>
28 |            <li>Child item 2 (styled with child selector)</li>
29 |        </ul>
30 |    </div>
31 |
32 |    <form>
33 |        <input type="text" placeholder="Enter your name">
34 |        <input type="password" placeholder="Enter password">
35 |        <input type="submit" value="Submit">
36 |    </form>
37 |    <a href="../lab_mannual.html">click Here to go to Homepage</a>
38 |
39 |</body>
40 |</html>

```

```

1  |
2  |h1 {
3  |    color: #2c3e50;
4  |}
5  |h2 {
6  |    color: #6c757d;
7  |}
8  |p {
9  |    color: #1e5b81;
10 |}
11 |
12 .highlight {
13     background-color: #fff3cd;
14     border-left: 5px solid #8e7019;
15     padding: 8px;
16 }
17 |
18 #main-title {
19     font-size: 36px;
20     text-align: center;
21     color: #9c27b0;
22     border-bottom: 3px solid #9c27b0;
23     padding-bottom: 10px;
24 }
25 |
26 h2, p, li {
27     border: 1px solid #dcdcdc;
28     padding: 5px;
29     border-radius: 5px;
30 }
31 |
32 div p {
33     color: #0b5345;
34     background-color: #e8f8f5;
35 }
36 |
37 div > ul > li {
38     background-color: #fef9e7;
39     color: #7d6608;
40 }
41

```

```

input[type="text"] {
    border: 2px solid #007bff;
    padding: 5px;
}
input[type="password"] {
    border: 2px solid #dc3545;
    padding: 5px;
}
input[type="submit"] {
    background-color: #28a745;
    color: white;
    border: none;
    padding: 6px 12px;
    cursor: pointer;
}
input[type="submit"]:hover {
    background-color: #218838;
}

.item1{
    background-color: #d4edda;
}
.item3 {
    background-color: #f8d7da;
}
#img
{
    width: 50%;
    height: 50%;
    align-items: center;
    border: 2px solid gainsboro;
    margin: 10px 10px 10px 70px;
}

```

## Lab 5: Exploring CSS Selectors

### Understanding Different Types of Selectors

This is a normal paragraph styled using an element selector.

This paragraph is highlighted using a class selector.



This paragraph is inside a div and styled using a descendant selector.

- First item
- Second item
- Last item
- Child item 1 (styled with child selector)
- Child item 2 (styled with child selector)

Enter your name  Enter password  Submit [click Here to go to Homepage](#)

Add element to chat Start >

[https://zunairwaqar98.github.io/Lab\\_Manual/](https://zunairwaqar98.github.io/Lab_Manual/)