

FLEX BOX HTML AND CSS

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Flexbox Web Page Layout</title>
  <style>
    * {
      margin: 0;
      padding: 0;
      box-sizing: border-box;
    }

    body {
      font-family: Arial, sans-serif;
    }

    /* Header */
    .header {
      background: #333;
      color: white;
      text-align: center;
    }

    /* Flex container */
    .container {
      display: flex;
      justify-content: space-between;
    }

    /* Left Sidebar */
    .left-sidebar {
      width: 20%;
      background: #f4f4f4;
      padding: 10px;
    }

    /* Main Content */
    .article {
```

```

        flex: 1; /* Takes up remaining space */
        background: #ddd;
        padding:10px
    }

    /* Right Sidebar */
    .right-sidebar {
        width: 20%;
        background: #f4f4f4;
        padding:10px

    }

    /* Footer */
    .footer {
        background: #333;
        color: white;
        text-align: center;

    }

    /* Responsive Design */
    @media (max-width: 768px) {
        .container {
            flex-direction: column;

        }
        .left-sidebar, .right-sidebar, .article {
            width: 100%;
        }
    }
</style>
</head>
<body>

    <div class="header">Header</div>

    <div class="container">
        <div class="left-sidebar">Left Sidebar</div>
        <div class="article">Main Article Content</div>
        <div class="right-sidebar">Right Sidebar</div>
    </div>

    <div class="footer">Footer</div>

```

```
</body>
</html>
```

Output

Header		
Left Sidebar	Main Article Content	Right Sidebar
Footer		

Calculator using html and css

```
<!DOCTYPE html>
<html lang="en">

<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>classwork</title>
  <script type="text/JavaScript" src="classwork3.js" defer></script>
</head>

<body>
  <div class="first">
    <input type="number" class="num1" id="num-1" placeholder="Enter first
number">
    <span>+</span>
    <input type="number" class="num2" id="num-2" placeholder="Enter Second
number">
    <span>=</span>
    <input type="text" id="res-1" disabled>

    <button id="btn1">Sum</button>
  </div>
  <div class="second">
    <input type="number" class="num1" id="num-3" placeholder="Enter first
number">
    <span>-</span>
    <input type="number" class="num2" id="num-4" placeholder="Enter Second
number">
    <span>=</span>
```

```

        <input type="text" id="res-2" disabled>
        <button id="btn2">Difference</button>
    </div>
    <div class="third">
        <input type="number" class="num1" id="num-5" placeholder="Enter first
number">
        <span>*</span>
        <input type="number" class="num2" id="num-6" placeholder="Enter Second
number">
        <span>=</span>
        <input type="text" id="res-3" disabled>
        <button id="btn3">Product</button>
    </div>
    <div id="magic"></div>
    <button id="btn4">click here</button><br>

    <div id="form-wrap">

        <form id="form"onsubmit="return validationForm()">
            <div class="name">
                <label for="name">Name:</label>
                <input type="text" name="name" id="name" placeholder="Enter your
name">
            </div>
            <div class="email">
                <label for="email">Email:</label>
                <input type="text" name="email" id="email" placeholder="Enter your
email">
            </div>
            <div class="password">
                <label for="password">password:</label>
                <input type="password" name="password" id="password"
placeholder="Enter your password">
            </div>
            <div>
                <div class="submit">
                    <input type="submit" name="submit" value="submit">
                </div>
            </div>
        </form>
    </div>
</body>
<style type="text/css">
    .first,
    .second,
    .third {

```

```

        margin: 10px;
    }
    #magic{
        border:1px solid black;
        width:50px;
        height:20px;
        background:blue;
    }
    #btn4{
        position:fixed;
    }
    .active{
        display: none;
    }
    #form-wrap{
        border: 2px solid black;
        max-width: 264px;
        margin-top: 40px;
        margin-left: 20px;
    }

    #form{
        display: flex;
        flex-direction: column;
    }
    .name,.email,.password{
        display:flex;
        padding:10px;
    }
    .submit{
        display: flex;
        justify-content: center;
        padding:10px;
    }
}

</style>
</body>

</html>
document.getElementById("btn1").addEventListener("click" , function(){
    let num1=parseFloat(document.getElementById("num-1").value)|| 0;
    let num2=parseFloat(document.getElementById("num-2").value) ||0;
    document.getElementById("res-1").value= num1+num2;
})

```

```
document.getElementById("btn2").addEventListener("click" , function(){
    let num3=parseFloat(document.getElementById("num-3").value)|| 0;
    let num4=parseFloat(document.getElementById("num-4").value) ||0;
    document.getElementById("res-2").value= num3-num4;

})

document.getElementById("btn3").addEventListener("click" , function(){
    let num5=parseFloat(document.getElementById("num-5").value)|| 0;
    let num6=parseFloat(document.getElementById("num-6").value) ||0;
    document.getElementById("res-3").value= num5*num6;

})

function validationForm() {
    var fullname = document.getElementById("name")
    var email = document.getElementById("email")
    var password = document.getElementById("password")
    if (!fullname.value || !email.value || !password.value) {
        alert(" all fieldsare required");
        return false
    }
    if (password.value.length < 5) {
        alert("password must be atleast 5 character long")
        return false
    }
    if (!email.value.includes('@')) {
        alert("email must contain @")
        return false
    }
    return true;
}
```



```

    nav a {
        float: left;
        display: block;
        color: white;
        text-align: center;
        padding: 14px 16px;
        text-decoration: none;
    }
    nav a:hover {
        background-color: #ddd;
        color: black;
    }
    main {
        padding: 20px;
    }
    .video {
        margin-bottom: 20px;
    }
    .video iframe {
        width: 100%;
        height: 315px;
    }
</style>
</head>
<body>

<header>
    <h1>My Video Sharing Website</h1>
</header>

<nav>
    <a href="#home"><i class='fa fa-home'></i></i>Home</a>
    <a href="#trending"><i class="fa
        fa-arrow-trend-up"></i>Trending</a>
    <a href="#subscriptions">Subscriptions</a>
    <a href="#library">Library</a>
</nav>

<main>
    <section class="video">
        <h2>Video Title 1</h2>
        <iframe src="https://www.youtube.com/embed/example-video-id"
frameborder="0" allowfullscreen></iframe>
        <p>Description of the first video.</p>

```



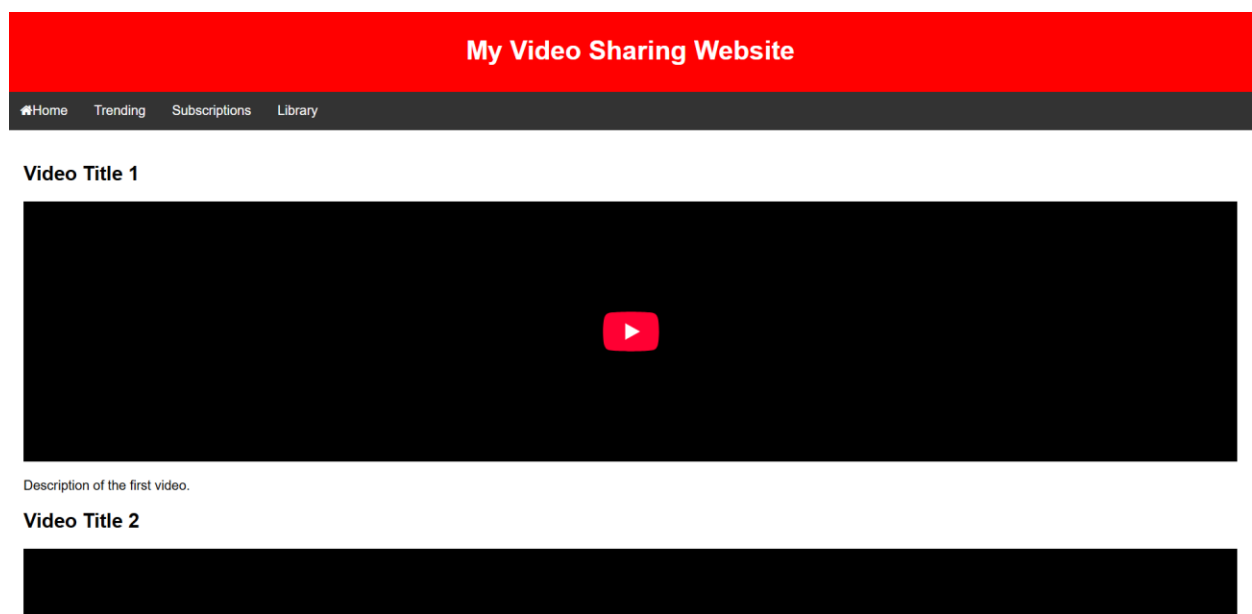
```

</section>
<section class="video">
  <h2>Video Title 2</h2>
  <iframe src="https://www.youtube.com/embed/example-video-id"
frameborder="0" allowfullscreen></iframe>
  <p>Description of the second video.</p>
</section>
</main>

</body>
</html>

```

Output:



Exam schedule using html and css

```

<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Exam Schedule</title>
  <style>
    body {
      font-family: Arial, sans-serif;
      background-color: #f4f4f4;
      text-align: center;
    }
    table {
      width: 60%;

```

```

        margin: auto;
        border-collapse: collapse;
        background-color: #fff;
        box-shadow: 2px 2px 12px rgba(0, 0, 0, 0.2);
    }
    th, td {
        border: 1px solid black;
        padding: 10px;
        text-align: center;
    }
    th {
        background-color: #007BFF;
        color: white;
    }
    tr:nth-child(even) {
        background-color: #f2f2f2;
    }
    .schedule-heading {
        background-color: #0056b3;
        color: white;
    }
}
</style>
</head>
<body>

    <h2>Exam Schedule</h2>

    <table>
        <tr>
            <th rowspan="2">Day</th>
            <th colspan="2" class="schedule-heading">Schedule</th>
            <th rowspan="2">Topic</th>
        </tr>
        <tr>
            <th>Begin</th>
            <th>End</th>
        </tr>
        <tr>
            <td>Monday</td>
            <td>7:00 AM</td>
            <td>8:00 AM</td>
            <td>Introduction to HTML</td>
        </tr>
        <tr>
            <td>Tuesday</td>

```

```

        <td>7:00 AM</td>
        <td>8:00 AM</td>
        <td>Introduction to CSS</td>
    </tr>
</table>

</body>
</html>

```

Exam Schedule

Day	Schedule		Topic
	Begin	End	
Monday	7:00 AM	8:00 AM	Introduction to HTML
Tuesday	7:00 AM	8:00 AM	Introduction to CSS

Html and css

```

<!DOCTYPE html>
<html lang="en"><head><meta http-equiv="Content-Type" content="text/html;
charset=UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title>Home Page</title>
</head>
<body>
    <div class="container">
        <div class="inner-wrap">
            <div class="img-wrap">
                
                <span class="time">2:01</span>
            </div>
            <div class="description">
                
                <div class="title">OSI Model Explained</div>
            </div>
            <div class="channel">CertBros</div>
            <div class="downloaded">Downloaded</div>
        </div>
        <div class="inner-wrap">
            <div class="img-wrap">
                
                <span class="time">2:01</span>
            </div>

```

```

</div>
<div class="description">
  
  <div class="title">OSI Model Explained</div>
</div>
  <div class="channel">CertBros</div>
  <div class="downloaded">Downloaded</div>
</div>
<div class="inner-wrap">
  <div class="img-wrap">
    
    <span class="time">2:01</span>
  </div>
  <div class="description">
    
    <div class="title">OSI Model Explained</div>
  </div>
  <div class="channel">CertBros</div>
  <div class="downloaded">Downloaded</div>
</div>
<div class="inner-wrap">
  <div class="img-wrap">
    
    <span class="time">2:01</span>
  </div>
  <div class="description">
    
    <div class="title">OSI Model Explained</div>
  </div>
  <div class="channel">CertBros</div>
  <div class="downloaded">Downloaded</div>
</div>
<div class="inner-wrap">
  <div class="img-wrap">
    
    <span class="time">2:01</span>
  </div>
  <div class="description">
    
    <div class="title">OSI Model Explained</div>
  </div>
  <div class="channel">CertBros</div>
  <div class="downloaded">Downloaded</div>
</div>
<div class="inner-wrap">

```

```

    <div class="img-wrap">
      
      <span class="time">2:01</span>
    </div>
    <div class="description">
      
      <div class="title">OSI Model Explained</div>
    </div>
    <div class="channel">CertBros</div>
    <div class="downloaded">Downloaded</div>
  </div>
</div>
<style type="text/css">
  .container{
    display: flex;
    flex-direction: row;
    gap: 10px;
  }
  .description{
    display: flex;
    flex-direction: row;
    align-items: center;
  }
  .description .title{
    font-weight: 600;
    margin-left: 10px;
  }
  .description .channel{
    color: #808080;
  }

  .inner-wrap .thumb{
    border-radius: 30px;
  }
  .description img{
    border-radius: 50%;
  }
  .img-wrap{
    position: relative;
  }
  .img-wrap .time{
    position: absolute;
    bottom: 20px;
    right: 20px;
  }

```

```

    color: #fff;
    background: #000;
}
.description .downloaded{
    color: #6075A6;
    font-size: 12px;
    font-weight: bold;
    background: #F2F2F2;
    width:65px;
    padding: 2px;
}
</style>

```

```
</body></html>
```



Html and css of grid

```

<!DOCTYPE html>
<html lang="en">
<head>
  <title>Grid Example</title>
  <style>
    .item {
      background: rgb(54, 9, 145);
      color: white;
      border: 1px solid white;
      padding: 10px;
    }
    .wrap {
      display: grid;
      grid-template-rows: repeat(6, 1fr);
      grid-template-columns: repeat(8, 1fr);
      grid-gap: 2px;
    }
    .header {
      grid-column: 1 / -1;
    }
  </style>

```

```
.sidebar {
  grid-row: 2 / 5;
  grid-column: 1 / 3;
}
.second {
  grid-column: 3 / 7;
  grid-row: 2 / 3;
}
.third {
  grid-column: 3 / 7;
  grid-row: 3 / 4;
}
.fourth {
  grid-column: 3 / 7;
  grid-row: 4 / 5;
}
.sidebar2 {
  grid-row: 2 / 5;
  grid-column: 7 / 9;
}
.bottom-left {
  grid-row: 5 / 7;
  grid-column: 1 / 2;
}
.footer {
  grid-row: 5 / 7;
  grid-column: 2 / 7;
}
.bottom-right1 {
  grid-column: 7 / 8;
  grid-row: 5 / 7;
}
.bottom-right2 {
  grid-column: 8 / 9;
  grid-row: 5 / 7;
}
img {
  max-width: 100%;
  height: auto;
}
table {
  width: 100%;
  border-collapse: collapse;
}
table, th, td {
```

```
        border: 1px solid white;
        padding: 5px;
        text-align: left;
    }
</style>
</head>
<body>
    <div class="wrap">

        <div class="item header">sugat katuwal</div>
        <div class="item sidebar">
            <h2>Hii, I am sugat</h2>
            <p>Welcome to my profile. Here you'll find some interesting
information about me.</p>
        </div>
        <div class="item second">
            <h2>About Me</h2>
            <p>I am 18 years old. I enjoy learning new things and exploring
different hobbies.</p>
            <div class="image"></div>
        </div>
        <div class="item third">
            <h2>Education</h2>
            <table>
                <tr>
                    <th>Year</th>
                    <th>Institution</th>
                    <th>Course</th>
                </tr>
                <tr>
                    <td>2020</td>
                    <td>High School</td>
                    <td>Science</td>
                </tr>
                <tr>
                    <td>2023</td>
                    <td>University</td>
                    <td>Computer Science</td>
                </tr>
            </table>
        </div>
        <div class="item fourth">
            <h2>Skills</h2>
            <ul>
                <li>Programming</li>
            </ul>
        </div>
    </div>
</body>
</html>
```



```

        <li>Web Development</li>
        <li>Data Analysis</li>
    </ul>
</div>
<div class="item sidebar2">
    <h2>Contact</h2>
    <p>Email: sugat7@gmail.com</p>
    <p>Phone: +1234567890</p>
</div>
<div class="item bottom-left">
    <h2>Hobbies</h2>
    <p>Reading, horse ridding, Traveling</p>
</div>
<div class="item footer">sugat katuwal</div>
<div class="item bottom-right1">
    <h2>Projects</h2>
    <p>Project 1: AI Chatbot</p>
    <p>Project 2: Web Scraper</p>
</div>
<div class="item bottom-right2">
    <h2>Languages</h2>
    <p>English, Nepali</p>
</div>
</div>
</body>
</html>

```

sugat katuwal

Hii, I am sugat

Welcome to my profile. Here you'll find some interesting information about me.

About Me

I am 18 years old. I enjoy learning new things and exploring different hobbies.



Education

Year	Institution	Course

Contact

Email: sugat7@gmail.com

Phone: +1234567890

	Education <table> <tr> <th>Year</th> <th>Institution</th> <th>Course</th> </tr> <tr> <td>2020</td> <td>High School</td> <td>Science</td> </tr> <tr> <td>2023</td> <td>University</td> <td>Computer Science</td> </tr> </table>		Year	Institution	Course	2020	High School	Science	2023	University	Computer Science	
	Year	Institution	Course									
	2020	High School	Science									
2023	University	Computer Science										
Skills <ul style="list-style-type: none"> • Programming • Web Development • Data Analysis 												
Hobbies Reading, horse ridding, Traveling	sugat katuwal		Projects Project 1: AI Chatbot Project 2: Web Scraper									
			Languages English, Nepali									

Html and css for form

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Shoe Order Form</title>
  <style>
    body {
      font-family: Arial, sans-serif;
      background-color: #f8f8f8;
      display: flex;
      justify-content: center;
      align-items: center;
      height: 100vh;
      margin: 0;
    }
    .order-form {
      background: white;
      padding: 20px;
      border-radius: 10px;
      box-shadow: 0px 0px 10px rgba(0, 0, 0, 0.1);
      width: 300px;
    }
    .order-form h2 {
      text-align: center;
    }
    .form-group {
```

```

        margin-bottom: 15px;
    }
    label {
        font-weight: bold;
        display: block;
    }
    input, select, button {
        width: 100%;
        padding: 8px;
        margin-top: 5px;
        border: 1px solid #ccc;
        border-radius: 5px;
    }
    button {
        background-color: #28a745;
        color: white;
        border: none;
        cursor: pointer;
    }
    button:hover {
        background-color: #218838;
    }
</style>
</head>
<body>
    <form class="order-form">
        <h2>Shoe Order Form</h2>
        <div class="form-group">
            <label for="name">Full Name</label>
            <input type="text" id="name" name="name" required>
        </div>
        <div class="form-group">
            <label for="email">Email</label>
            <input type="email" id="email" name="email" required>
        </div>
        <div class="form-group">
            <label for="size">Shoe Size</label>
            <select id="size" name="size" required>
                <option value="">Select Size</option>
                <option value="6">6</option>
                <option value="7">7</option>
                <option value="8">8</option>
                <option value="9">9</option>
                <option value="10">10</option>
                <option value="11">11</option>
            </select>
        </div>
    </form>

```

```
        </select>
    </div>
    <div class="form-group">
        <label for="color">Shoe Color</label>
        <input type="text" id="color" name="color" required>
    </div>
    <div class="form-group">
        <label for="quantity">Quantity</label>
        <input type="number" id="quantity" name="quantity" min="1" required>
    </div>
    <button type="submit">Place Order</button>
</form>
</body>
</html>
```

Shoe Order Form

Full Name

Email

Shoe Size

▼

Shoe Color

Quantity

Place Order