Index.com

<!DOCTYPE html>

<html>

<head>

<title>Our first website</title>

</head>

<body>

<h1>Welcome to Web Development</h1>

<p>This is my first web page!</p>

<p>

Lorem ipsum, dolor sit amet consectetur adipisicing elit.

<br />

<br />

Non veritatis eum eos possimus quaerat laudantium labore. Nulla, labore et

illum reiciendis excepturi, repellendus aliquid exercitationem

necessitatibus velit minus cumque rerum.

</p>

<a href="https://www.w3schools.com" target="\_blank">Visit W3Schools!</a>

<br />

<br />

<a href="fruits.html" target="\_blank">Fruit Page</a>

<br />

<br />

<a href="semantic.html" target="\_blank">Semantic Page</a>

</body>

</html>

<!-- comment -->

<!-- we have two types of refrencing

1. Relative URL

2. Absolute URl -->

Fruit.html

fruit.html

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8" />

<meta name="viewport" content="width=device-width, initial-scale=1.0" />

<title>Fruit List</title>

</head>

<body>

<h1>Fruit List</h1>

<p>This is a Fruit Item List</p>

<ol>

<li>Banana</li>

<li>Grape</li>

<li>Apple</li>

<ul>

<li>fuji</li>

<img

src="https://www.shutterstock.com/image-photo/fuji-apple-green-leaf-isolated-260nw-1670679763.jpg"

alt="A picture of an apple"

width="100px"

height="80px"

/>

<li>Honey</li>

<li>Pink Rose</li>

</ul>

</ol>

</body>

</html>

<!-- alt + z -->

<!-- ctr + / commenting ignoring -->

<!-- a - anchor tag -->

<!-- Indenting -->

Semantic.html

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8" />

<meta name="viewport" content="width=device-width, initial-scale=1.0" />

<title>Semantic HTMl</title>

</head>

<body>

<header>

<h2>Axia Cohort 8</h2>

<!-- navigation links -->

<nav>

<!-- ignore -->

<!-- <ul>

<li><a href="#">Home</a></li>

<li><a href="#">About</a></li>

<li><a href="#">Contact</a></li>

</ul> -->

<a href="#">Home</a>

<a href="#">About</a>

<a href="#">Contact</a>

</nav>

</header>

<!-- main-content -->

<main>

<section>

<h3>Welcome To My Blog!</h3>

<p>This is the main content of the website.</p>

</section>

<section>

<article>

<h4>Blog Post Title</h4>

<p>This is a blog post</p>

</article>

<aside>

<h5>Related Links</h5>

<ul>

<li><a href="#">Link 1</a></li>

<li><a href="#">Link 2</a></li>

</ul>

</aside>

<div class="post" id="">

Lorem ipsum dolor sit, amet consectetur adipisicing elit. Atque harum

numquam omnis reprehenderit aliquam deleniti, provident laborum velit.

Consequatur similique perferendis obcaecati ea ipsa adipisci officiis

pariatur labore, rem esse!

</div>

</section>

</main>

<!-- footer -->

<footer>

<p>&copy; 2025 My Website</p>

</footer>

</body>

</html>

<!-- shift + 1 = ! -->

//////////////////////////////////////////////////////////////////////

form.html

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8" />

<meta name="viewport" content="width=device-width, initial-scale=1.0" />

<title>Reg Form</title>

</head>

<body>

<header>

<hr />

<h2>Registration Form</h2>

<hr />

<div>

<p>Please fill the form below to get into the Axia train</p>

</div>

</header>

<main>

<form action="" method="">

<!-- Form elements go here -->

<!-- First Name Div -->

<div>

<label for="fName">First Name</label>

<br />

<input type="text" name="fName" id="fName" />

</div>

<!-- Last Name Div -->

<div>

<label for="lName">Last Name</label>

<br />

<input type="text" name="lName" id="lName" />

</div>

<!-- Email Div -->

<div>

<label for="email">Email</label>

<br />

<input type="email" name="email" id="email" />

</div>

<!-- Password Div -->

<div>

<label for="pswd">Password</label>

<br />

<input type="password" name="pswd" id="pswd" />

</div>

<!-- Age Div -->

<div>

<label for="age">Age</label>

<br />

<input type="number" name="age" id="age" />

</div>

<!-- Gender Div -->

<div>

<label for="gndr">Gender</label>

<br />

<select name="gndr" id="gndr">

<option value="male">Male</option>

<option value="female">Female</option>

<option value="notToSay">Prefer not to say</option>

</select>

</div>

<!-- Education Background -->

<div>

<label for="eduBack">Educational Background</label>

<br />

<select name="eduBack" id="eduBack">

<option value="ssce">SSCE</option>

<option value="bsc">Bsc</option>

<option value="msc">Msc</option>

<option value="phd">PhD</option>

<option value="others">Others</option>

</select>

</div>

<!-- Own a Laptop -->

<div>

<label for="laptop">Do you own a Laptop?</label>

<br />

<input type="radio" name="laptop" id="laptop" />

<label for="">Yes</label>

<input type="radio" name="laptop" id="laptop" />

<label for="">No</label>

</div>

<!-- Fav Feature -->

<div>

<label for="">How did you hear about Axia?</label>

<br />

<input type="checkbox" name="" id="" />

<label for="">Facebook</label>

<br />

<input type="checkbox" name="" id="" />

<label for="">Instagram</label>

<br />

<input type="checkbox" name="" id="" />

<label for="">Whatsapp</label>

</div>

<!-- comment -->

<div>

<label for="">Tell Us About Yourself</label>

<br />

<textarea

name=""

id=""

cols="30"

rows="10"

placeholder="Comment here....."

></textarea>

</div>

<button>Submit</button>

</form>

</main>

<footer>

<small>Vist Axia.Africa.com | &copy; 2025</small>

<!-- | -->

</footer>

<!-- <form>

<label for="fName">First Name</label>

<br />

<input type="text" name="fName" id="fName" />

<br />

<br />

<label for="lName">Last Name</label>

<br />

<input type="text" name="lName" />

<br />

<br />

<label for="age">Age</label>

<br />

<input type="number" name="age" />

<br />

<br />

<input type="submit" value="Register" />

<button type="submit">Register</button>

</form> -->

</body>

</html>

<!-- shift + alt + A -->

<!-- ctrl + forward slash -->

///////////////////////////////////////////////////////////////////////

Multimedia.html

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8" />

<meta name="viewport" content="width=device-width, initial-scale=1.0" />

<title>multimedia</title>

</head>

<body>

<h2>Multimedia Page</h2>

<!-- Relative path -->

<img src="mountain.jpg" alt="A picture of a mountain" />

<!-- Absolute url -->

<!-- <img

src="https://images.unsplash.com/photo-1519582149095-fe7d19b2a3d2?q=80&w=1009&auto=format&fit=crop&ixlib=rb-4.0.3&ixid=M3wxMjA3fDB8MHxwaG90by1wYWdlfHx8fGVufDB8fHx8fA%3D%3D"

alt="A mountain picture"

/> -->

<audio controls>

<source src="Fido-Joy-Is-Coming-(TrendyBeatz.com).mp3" type="audio/mp3" />

<source src="" type="" />

</audio>

<!-- <audio controls src="Fido-Joy-Is-Coming-(TrendyBeatz.com).mp3"></audio> -->

<video controls width="500" height="300">

<source src="" type="video/mp4" />

<source src="" type="video/mp4" />

Your browser does not support HTML video.

</video>

<img src="waterfall.jpg" alt="A picture of a waterfall" />

<iframe

width="560"

height="315"

src="https://www.youtube.com/embed/14Z-bHWNyiE"

title="YouTube video player"

frameborder="0"

allow="accelerometer; autoplay; clipboard-write; encrypted-media; gyroscope; picture-in-picture; web-share"

referrerpolicy="strict-origin-when-cross-origin"

allowfullscreen

></iframe>

</body>

</html>

/////////////////////////////////////////////////////////////////////////

Updated index.html

<!DOCTYPE html>

<!--syntax-->

<html>

<head>

<title>Our first website</title>

</head>

<body>

<h1 style="text-align: center; text-decoration: underline">

Welcome to Web Development

</h1>

<!-- Inline CSS style -->

<p style="color: red; font-size: 20px">This is my first web page!</p>

<p style="color: chartreuse">

Lorem ipsum, dolor sit amet consectetur adipisicing elit.

<br />

<br />

Non veritatis eum eos possimus quaerat laudantium labore. Nulla, labore et

illum reiciendis excepturi, repellendus aliquid exercitationem

necessitatibus velit minus cumque rerum.

</p>

<p style="color: blue">

Lorem ipsum dolor sit amet consectetur adipisicing.

</p>

<a style="color: tomato; text-decoration: none" href=""

>This is a new anchor tag</a

>

<a href="https://www.w3schools.com" target="\_blank">Visit W3Schools!</a>

<br />

<br />

<a href="fruits.html" target="\_blank">Fruit Page</a>

<br />

<br />

<a href="semantic.html" target="\_blank">Semantic Page</a>

<br />

<br />

<a href="fruits.html">Visit Our Fruit Page</a>

<br />

<br />

<a style="text-decoration: none" href="form.html">Visit Our Form Page</a>

</body>

</html>

CSS SELECTORS CODES

/////////////////////////////////////////////////////////////////////////

Index .html

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8" />

<meta name="viewport" content="width=device-width, initial-scale=1.0" />

<title>Document</title>

<link rel="stylesheet" href="./css/style.css" />

</head>

<body>

<div class="bg">

<h1>This is a Heading</h1>

<p class="note">This is a CSS practice page</p>

<div class="box">

<p>

This is a <span class="spanEl">paragraph</span> with a class selector

</p>

<p class="text">This is a paragraph with a selector</p>

</div>

<p id="unique">This is a paragraph with an ID selector</p>

<ul>

<li>Apple</li>

<li>Banana</li>

<li>Grapes</li>

<li>Oranges</li>

<li>Berries</li>

</ul>

<p class="newParagraph">

Lorem ipsum dolor sit amet consectetur adipisicing elit. Assumenda

officiis commodi cumque atque ipsa delectus. Nobis dolore nesciunt quasi

culpa officiis quaerat repudiandae quas velit! Dolorum eum est voluptate

placeat?

</p>

<a href="#">Hover over me!</a

><a href="#" class="link">This is another link</a>

</div>

</body>

</html>

CSS  
Style.css

/\* li:nth-last-child() {

background-color: red;

} \*/

body {

/\* background-image: url("../images/bgImage.jpg"); \*/

background-size: cover;

/\* background-position: center; \*/

/\* background-repeat: no-repeat; \*/

}

/\* .bg {

background-color: #000000;

opacity: 0.5;

min-height: 100vh;

} \*/

p {

font-size: 18px;

}

/\* ID selector \*/

#unique {

background-color: #9f5656c3;

width: 300px;

height: 50px;

padding: 20px;

}

/\* Class Selector \*/

.text {

color: blue;

}

.note {

font-size: 20px;

color: teal;

}

.newParagraph {

line-height: 1.5;

text-transform: capitalize;

}

/\* div:nth-child(2) {

background-color: blue;

} \*/

/\* .spanEl {

color: yellowgreen;

font-size: larger;

font-weight: 700;

} \*/

/\* .box p span {

color: yellowgreen;

font-size: larger;

font-weight: 700;

} \*/

/\* Descenant \*/

.box p {

background-color: lightpink;

}

ul > li {

list-style-type: square;

color: brown;

}

/\* Psuedo-class \*/

a:hover {

color: red;

}

/\* Attribute \*/

a[href] {

text-decoration: none;

background-color: rgba(02, 5, 255, 0.5);

}

/////////////////////////////////////////////////////////////////////////////////

Box-model.html

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8" />

<meta name="viewport" content="width=device-width, initial-scale=1.0" />

<title>Document</title>

<link rel="stylesheet" href="../css/box-model.css" />

</head>

<body>

<div class="margin">

margin

<div class="border">

border

<div class="padding">

padding

<div class="content">content</div>

</div>

</div>

</div>

<button>BUTTON</button>

</body>

</html>

Box-model.css

body {

background-color: #f5f5f5;

font-family: Arial, sans-serif;

text-align: center;

margin-top: 50px;

}

.margin {

background-color: #ffe4e1;

width: 500px;

margin: 0 auto;

/\* height: 700px; \*/

}

.border {

background-color: #000000;

/\* border: 5px solid black; \*/

color: #ffffff;

}

.padding {

background-color: #90ee90;

padding: 20px;

}

.content {

background-color: #ffffe0;

border: 1px dashed gray;

color: #000000;

}

button {

margin: 200px 0 0 0;

padding: 10px 40px;

/\* padding-top: 20px;

padding-bottom: 25px;

padding-left: 30px;

padding-right: 40px; \*/

/\* padding: 20px 40px 25px 30px; \*/

background-color: greenyellow;

/\* width: 150px; \*/

}