March 27, 2023

Laboratory Activity: Website Layout and CSS

**Introduction**

The different sections of a website layout can vary depending on the design, purpose, and content of the website. However, here are some common sections that you might find in a typical website layout:

1. Header: This is usually located at the top of the website and contains the **website's logo**, **navigation menu**, and any other important information that users need to know.
2. Banner or Hero section: This is usually a prominent section that appears below the header and above the main content of the website. It often includes an **image or video**, along with a **call-to-action or important message.**
3. Main content: This is the main section of the website where most of the content is displayed. It may include **articles, blog posts, images, videos, and other types of media**.
4. Sidebar: This section appears either to the left or right of the main content and often contains **additional navigation links, advertisements, or other supplementary content.**
5. Footer: This is located at the bottom of the website and contains information about the website such as **copyright, contact information, social media links, and any other legal or administrative information.**

Other possible sections that may be included in a website layout include **a search bar**, **a featured content section, a call-to-action section, and a related content section.**

**Process**

**1. Type the following HTML code in the text editor. Filename:WebsiteLayout.html**

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<title>My Website</title>

<style>

/\* Add any custom CSS styles here \*/

</style>

</head>

<body>

<header>

<!-- Add any content for the header here -->

<h1>My Website</h1>

<nav>

<ul>

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

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

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

</ul>

</nav>

</header>

<div id="banner">

<!-- Add any content for the banner here -->

<img src="banner.jpg" alt="Banner Image">

</div>

<div id="main-content">

<article>

<h2>Article Title</h2>

<p>Article content goes here.</p>

</article>

<article>

<h2>Article Title</h2>

<p>Article content goes here.</p>

</article>

</div>

<aside id="sidebar">

<!-- Add any content for the sidebar here -->

<h3>Categories</h3>

<ul>

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

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

<li><a href="#">Category 3</a></li>

</ul>

</aside>

<footer>

<!-- Add any content for the footer here -->

<p>&copy; 2023 My Website</p>

</footer>

</body>

</html>

**2. Design and integrate the CSS. Styles**

/\* General Styles \*/

body {

font-family: Arial, sans-serif;

margin: 0;

padding: 0;

}

/\* Header Styles \*/

header {

background-color: #333;

color: #fff;

padding: 10px;

display: flex;

justify-content: space-between;

align-items: center;

}

header h1 {

margin: 0;

font-size: 2em;

}

nav ul {

margin: 0;

padding: 0;

list-style: none;

display: flex;

}

nav li {

margin: 0 10px;

}

nav a {

color: #fff;

text-decoration: none;

}

/\* Banner Styles \*/

#banner {

height: 200px;

background-color: #eee;

display: flex;

justify-content: center;

align-items: center;

}

#banner img {

max-width: 100%;

max-height: 100%;

}

/\* Main Content Styles \*/

#main-content {

display: flex;

flex-wrap: wrap;

}

article {

margin: 10px;

padding: 10px;

background-color: #f5f5f5;

border: 1px solid #ccc;

flex-basis: calc(33.33% - 20px);

box-sizing: border-box;

}

article h2 {

margin: 0;

font-size: 1.5em;

}

/\* Sidebar Styles \*/

#sidebar {

padding: 10px;

background-color: #f5f5f5;

border: 1px solid #ccc;

flex-basis: 20%;

}

#sidebar h3 {

margin: 0;

font-size: 1.2em;

}

#sidebar ul {

margin: 0;

padding: 0;

list-style: none;

}

#sidebar li {

margin: 5px 0;

}

#sidebar a {

color: #333;

text-decoration: none;

}

/\* Footer Styles \*/

footer {

background-color: #333;

color: #fff;

padding: 10px;

text-align: center;

}

footer p {

margin: 0;

font-size: 0.8em;

}

**3. Execute the code and display output.**

Its your turn to do your part and display the output.

4. Submit on the blackboard your output provided you have already put content on each of the following mention on the introduction

Due: April 3, 2023

Required: Google Drive link where all the content of the website is saved