HTML

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

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

    <title>Responsive Web Layout</title>

    <link rel="stylesheet" href="css4.css">

</head>

<body>

    <header>

        <h1>Responsive Layout</h1>

        <nav>

            <ul>

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

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

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

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

            </ul>

        </nav>

    </header>

    <section class="content">

        <article>

            <h2>Welcome to My Website</h2>

            <p>This is a responsive website layout that adjusts depending on the screen size.</p>

        </article>

        <aside>

            <h3>Side Information</h3>

            <p>This section contains side information that will be placed differently on smaller screens.</p>

        </aside>

    </section>

    <footer>

        <p>&copy; 2024 Responsive Web Design. All rights reserved.</p>

    </footer>

</body>

</html>

CSS

/\* Global Styles \*/

\* {

    margin: 0;

    padding: 0;

    box-sizing: border-box;

}

body {

    font-family: Arial, sans-serif;

    line-height: 1.6;

    padding: 20px;

    background-color: #f4f4f4;

    color: #333;

}

header {

    background-color: #333;

    color: white;

    padding: 15px 0;

    text-align: center;

}

nav ul {

    list-style: none;

    padding: 0;

}

nav ul li {

    display: inline-block;

    margin-right: 15px;

}

nav ul li a {

    color: white;

    text-decoration: none;

}

h1, h2, h3 {

    margin-bottom: 15px;

}

section.content {

    display: flex;

    margin-top: 20px;

}

article {

    flex: 3;

    padding: 20px;

    background-color: white;

    margin-right: 20px;

    border-radius: 8px;

    box-shadow: 0 2px 10px rgba(0, 0, 0, 0.1);

}

aside {

    flex: 1;

    padding: 20px;

    background-color: white;

    border-radius: 8px;

    box-shadow: 0 2px 10px rgba(0, 0, 0, 0.1);

}

footer {

    text-align: center;

    padding: 10px;

    background-color: #333;

    color: white;

    margin-top: 20px;

    border-radius: 8px;

}

/\* Media Queries for responsiveness \*/

/\* Small devices (mobile phones, 600px and down) \*/

@media (max-width: 600px) {

    nav ul li {

        display: block;

        text-align: center;

        margin: 10px 0;

    }

    section.content {

        flex-direction: column;

    }

    article {

        margin-right: 0;

        margin-bottom: 20px;

    }

}

/\* Medium devices (tablets, 768px and down) \*/

@media (max-width: 768px) {

    nav ul li {

        display: block;

        text-align: center;

        margin: 10px 0;

    }

    section.content {

        flex-direction: column;

    }

    article {

        margin-right: 0;

        margin-bottom: 20px;

    }

    aside {

        flex: none;

        width: 100%;

    }

}

/\* Large devices (desktops, 1024px and up) \*/

@media (min-width: 1024px) {

    nav ul li {

        display: inline-block;

    }

    section.content {

        flex-direction: row;

    }

    article {

        margin-right: 20px;

    }

}