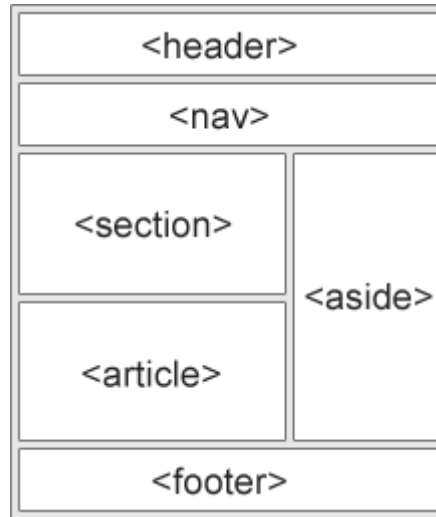


EXPERIMENT 5

5. Develop HTML page named as “newspaper.html” having variety of HTML semantic elements with background colors, text-colors & size for figure, table, aside, section, article, header, footer... etc.

About HTML semantic elements: In HTML there are some semantic elements that can be used to define different parts of a web page:

- <article>
- <aside>
- <details>
- <figcaption>
- <figure>
- <footer>
- <header>
- <main>
- <mark>
- <nav>
- <section>
- <summary>
- <time>



Newspaperstyle.css:

```
/* General styling */
body {
    font-family: Arial, sans-serif;
    line-height: 1.6;
    margin: 0;
    background-color: #f0f0f0;
}

h1, h2, h3 {
    color: darkblue;
    margin-bottom: 10px;
}

p {
    color: #333;
    font-size: 18px;
}

/* Header styling */
header {
    background-color: navy;
```

```
    color: white;
    padding: 10px 0;
    text-align: center;
}

header nav ul {
    list-style: none;
    padding: 0;
}

header nav ul li {
    display: inline;
    margin: 0 10px;
}

header nav ul li a {
    color: white;
    text-decoration: none;
    font-weight: bold;
}

header nav ul li a:hover {
    text-decoration: underline;
}

/* Main content and aside */
main {
    display: flex;
    justify-content: space-between;
    margin: 20px;
}

section {
    flex: 70%;
    background-color: white;
    padding: 20px;
    box-shadow: 0 0 10px rgba(0, 0, 0, 0.1);
}

aside {
    flex: 25%;
    background-color: #f9f9f9;
    padding: 20px;
    margin-left: 20px;
    box-shadow: 0 0 10px rgba(0, 0, 0, 0.1);
}

aside h3 {
    color: darkgreen;
    font-size: 20px;
}
```

```
}

aside ul {
  list-style-type: square;
  margin: 0;
  padding: 0;
}

aside ul li {
  margin-bottom: 10px;
}

/* Table styling */
table {
  width: 100%;
  border-collapse: collapse;
  margin-top: 20px;
  background-color: white;
  box-shadow: 0 0 10px rgba(0, 0, 0, 0.1);
}

table th, table td {
  padding: 10px;
  border: 1px solid #ddd;
  text-align: left;
}

table th {
  background-color: #4CAF50;
  color: white;
}

table tr:nth-child(even) {
  background-color: #f2f2f2;
}

/* Footer styling */
footer {
  background-color: #333;
  color: white;
  text-align: center;
  padding: 10px 0;
  margin-top: 20px;
}

footer a {
  color: lightblue;
  text-decoration: none;
}
```

```
footer a:hover {
    text-decoration: underline;
}
```

```
/* Image and figure styling */
figure {
    margin: 20px 0;
    text-align: center;
}
```

```
figure img {
    border: 3px solid #ddd;
    border-radius: 10px;
}
```

```
figcaption {
    font-size: 16px;
    color: #555;
}
```

Newspaper.html:

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Bangalore News</title>
    <link rel="stylesheet" href="newspaper-style.css">
</head>
<body>

    <!-- Header -->
    <header>
        <h1>Bangalore News</h1>
        <nav>
            <ul>
                <li><a href="#">Home</a></li>
                <li><a href="#">Local</a></li>
                <li><a href="#">Technology</a></li>
                <li><a href="#">Events</a></li>
                <li><a href="#">Contact</a></li>
            </ul>
```

</nav>
</header>

<!-- Main Section with Aside -->

<main>

<section>

<article>

<h2>Breaking News: Bengaluru Metro Expansion</h2>

<p>Bangalore is set to further expand its metro network. The Purple and Green Lines will connect new areas across the city, reducing traffic congestion and making commutes easier. The new metro routes will benefit residents in Whitefield, Kengeri, and Bannerghatta Road.</p>

<figure>

<figcaption>New Metro routes under development</figcaption>

</figure>

<p>The expansion project is expected to be completed by 2026 and is part of a broader effort to enhance public transportation in the city.</p>

</article>

<article>

<h2>Local News: Cubbon Park Renovation</h2>

<p>The Bangalore City Corporation has announced a major renovation of Cubbon Park, one of the city's most beloved green spaces. The project will introduce eco-friendly lighting, improved walking paths, and better security features.</p>

<figure>

<figcaption>Ongoing Renovation at Cubbon Park</figcaption>

</figure>

<p>Residents are excited about the initiative, which aims to maintain the park's natural beauty while making it safer and more accessible for visitors.</p>

</article>

<article>

<h2>World News: Bangalore Joins Global Climate Summit</h2>

<p>As a major tech hub, Bangalore is participating in the Global Climate Summit. The city's efforts in promoting renewable energy and reducing carbon emissions have gained international recognition. The government is pushing for green initiatives in IT parks and residential areas.</p>

</article>
</section>

<!-- Aside for additional information -->

<aside>

<h3>Popular Articles</h3>

How Bangalore’s Startups are Embracing AI

Best Cafes to Visit in Koramangala

Traffic Solutions for Outer Ring Road

Weekend Getaways Near Bangalore

<h3>Weather Report</h3>

<p>Sunny with a chance of rain. High of 29°C, low of 20°C. Typical Bangalore weather for this time of year, so be prepared for unexpected showers!</p>

</aside>

</main>

<!-- Table for recent sports events -->

<section>

<h2>Recent Sports Events in Bangalore</h2>

<table>

<thead>

<tr>

<th>Event</th>

<th>Date</th>

<th>Location</th>

<th>Winner</th>

</tr>

</thead>

<tbody>

<tr>

<td>Kabaddi League Final</td>

<td>September 22, 2024</td>

<td>Kanteerava Stadium</td>

<td>Bengaluru Bulls</td>

</tr>

<tr>

```
<td>Cricket Premier League</td>
<td>September 19, 2024</td>
<td>M. Chinnaswamy Stadium</td>
<td>Royal Challengers Bangalore</td>
</tr>
<tr>
<td>Bangalore Marathon</td>
<td>September 16, 2024</td>
<td>Cubbon Park</td>
<td>Runner A</td>
</tr>
</tbody>
</table>
</section>


<!-- Footer -->
<footer>
<p>&copy; 2024 Bangalore News. All rights reserved.</p>
<p>Contact us: <a
href="mailto:info@bangalorenews.com">info@divyasnews.com</a></p>
</footer>
</body>
</html>
```

Sample Output:

HomeLocalTechnologyEventsContact

Breaking News: Bengaluru Metro Expansion


Bangalore is set to further expand its metro network. The Purple and Green Lines will connect new areas across the city, reducing traffic congestion and making commutes easier. The new metro routes will benefit residents in Whitefield, Kengeri, and Bannerghatta Road.

Bangalore Metro Expansion
New Metro routes under development

The expansion project is expected to be completed by 2026 and is part of a broader effort to enhance public transportation in the city.

Local News: Cubbon Park Renovation

The Bangalore City Corporation has announced a major renovation of Cubbon Park, one of the city's most beloved green spaces. The project will introduce eco-friendly lighting, improved walking paths, and better security features.

Cubbon Park Bangalore
Ongoing Renovation at Cubbon Park

Residents are excited about the initiative, which aims to maintain the park's natural beauty while making it safer and more accessible for visitors.

Popular Articles

- [How Bangalore's Startups are Embracing AI](#)
- [Best Cafes to Visit in Koramangala](#)
- [Traffic Solutions for Outer Ring Road](#)
- [Weekend Getaways Near Bangalore](#)

Weather Report

Sunny with a chance of rain. High of 29°C, low of 20°C. Typical Bangalore weather for this time of year, so be prepared for unexpected showers!