



NAVODAYA INSTITUTE OF TECHNOLOGY, RAICHUR

DEPARMENT OF COMPUTER SCIENCE & ENGINEERING

Web Technology Lab

Program - 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.

Program :

```
<!DOCTYPE html>

<head>
  <title>Newspaper Page | vtucode</title>
  <style>
    * {
      margin: 0;
      padding: 0;
      box-sizing: border-box;
    }
    body {
      padding: 20px;
      font-family: 'Arial', sans-serif;
      color: #000000;
      display: flex;
      flex-direction: column;
      min-height: 100vh;
    }
    header {
      margin-bottom: 30px;
      border-radius: 10px;
      align-items: center;
      background-color: #7b38f7;
      color: #fff;
```

```
padding: 20px;
display: flex;
justify-content: space-between;
text-align: center;
box-shadow: 0 4px 6px rgba(0, 0, 0, 0.1);
}
```

```
header a {
  font-size: 25px;
  font-weight: 600;
  color: #fff;
  text-decoration: none;
}
```

```
nav {
  display: flex;
  gap: 20px;
  color: #fff;
  text-align: center;
}
```

```
nav a {
  font-size: 18px;
  color: #fff;
  text-decoration: none;
  font-weight: bold;
}
```

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

```
.content {
  display: flex;
  justify-content: space-between;
  flex: 1;
  margin: auto;
  padding: 20px 0;
  gap: 20px;
  position: relative;
}
```

```
.main-content {
  cursor: pointer;
  flex: 1;
}
```

```
display: grid;
grid-template-columns: repeat(auto-fill, minmax(300px, 1fr));
gap: 20px;
background-color: #fff;
border-radius: 12px;
padding: 25px;
box-shadow: rgba(9, 30, 66, 0.25) 0px 1px 1px, rgba(9, 30, 66, 0.13)
0px 0px 1px 1px;
}
```

```
aside {
border: 1px solid #ccc;
padding: 20px;
width: 350px;
border-radius: 8px;
box-shadow: 0 4px 6px rgba(0, 0, 0, 0.1);
position: -webkit-sticky;
position: sticky;
top: 20px;
color: #333;
right: 0;
margin-left: 20px;
}
```

```
.related-news h3 {
text-align: center;
border-radius: 7px;
padding: 8px;
background: #000;
color: #ffffff;
font-size: 1.4em;
margin-bottom: 15px;
}
```

```
.related-news ul {
list-style: outside;
padding: 7px;
margin: 0;
}
```

```
.related-news li {
margin-bottom: 12px;
}
```

```
.related-news a {
```

```
text-decoration: none;
color: #7b38f7;
font-weight: bold;
transition: color 0.3s ease;
}
```

```
.related-news a:hover {
text-decoration: underline;
}
```

```
footer {
border-radius: 10px;
background-color: #7b38f7;
color: #fff;
padding: 20px;
font-weight: 500;
text-align: center;
margin-top: auto;
font-size: 18px;
}
```

```
article {
transition: all 0.3s ease;
background-color: #fff;
padding: 15px;
box-shadow: rgba(9, 30, 66, 0.25) 0px 1px 1px, rgba(9, 30, 66, 0.13)
0px 0px 1px 1px;
border-radius: 7px;
color: #000000;
}
```

```
figure {
background-color: #fafafa;
padding: 10px;
border: 1px solid #ddd;
border-radius: 8px;
text-align: center;
margin: 0;
}
```

```
figcaption {
font-size: 0.9em;
color: #666;
}
```

```
img {
    max-width: 100%;
    height: auto;
    border-radius: 8px;
}

section {
    padding: 20px;
    width: 100%;
    background-color: #fff;
    border-radius: 8px;
    box-shadow: rgba(9, 30, 66, 0.25) 0px 1px 1px, rgba(9, 30, 66, 0.13)
0px 0px 1px 1px;
}

section h2 {
    color: #fff;
    background: #000;
    font-size: 24px;
    border-radius: 10px;
    text-align: center;
    padding: 10px;
    margin-bottom: 30px;
}

table {
    width: 100%;
    border-collapse: collapse;
}

caption {
    font-size: 18px;
    margin-bottom: 10px;
    color: #555;
}

thead {
    background-color: #007BFF;
    color: #fff;
}

th,
td {
    padding: 12px;
    text-align: left;
}
```

```
th {
  font-weight: bold;
}

tbody tr:nth-child(even) {
  background-color: #f9f9f9;
}

tbody tr:hover {
  background-color: #eaeaea;
}
```

```
@media (max-width: 600px) {
```

```
  th,
  td {
    padding: 8px;
    font-size: 14px;
  }
}
```

```
caption {
  background-color: #d9d9d9;
  padding: 10px;
  font-weight: bold;
  border-bottom: 2px solid #ddd;
  border-radius: 8px 8px 0 0;
  font-size: 1.1em;
  color: #333;
}
```

```
section {
  margin-top: 40px;
  margin-bottom: 50px;
}
```

```
article h2 {
  color: #7b38f7;
  font-size: 1.3em;
  margin-bottom: 12px;
}
```

```
article p {
  text-align: left;
  line-height: 1.2;
```

```
        margin-top: 10px;
    }

    article:hover {
        background-color: #e7ddfb;
    }

    @media (max-width: 768px) {
        .content {
            flex-direction: column;
            padding: 10px;
        }

        aside {
            width: 100%;
            margin-top: 20px;
            position: static;
            margin-left: 0;
        }

        .main-content {
            grid-template-columns: 1fr;
        }
    }
</style>
</head>

<body>
    <header>

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

        <nav>
            <a href="#">Home</a>
            <a href="#">About</a>
            <a href="#">Contact</a>
            <a href="#">Services</a>
            <a href="#">Marketing</a>
            <a href="#">Updates</a>
        </nav>

    </header>

    <div class="content">
        <main class="main-content">
```

```
<article>
  <h2>Article Title 1</h2>
  <figure>
    
    <figcaption>Image Caption</figcaption>
  </figure>
  <p>This is the content of the first article. Lorem ipsum dolor sit
amet, consectetur adipiscing elit.
  Sed do eiusmod tempor incididunt ut labore et dolore magna
aliqua.</p>
</article>
```

```
<article>
  <h2>Article Title 2</h2>
  <figure>
    
    <figcaption>Image Caption</figcaption>
  </figure>
  <p>This is the content of the second article. Lorem ipsum dolor sit
amet, consectetur adipiscing elit.
  Sed do eiusmod tempor incididunt ut labore et dolore magna
aliqua.</p>
</article>
```

```
<article>
  <h2>Article Title 3</h2>
  <figure>
    
    <figcaption>Image Caption</figcaption>
  </figure>
  <p>This is the content of the third article. Lorem ipsum dolor sit
amet, consectetur adipiscing elit.
  Sed do eiusmod tempor incididunt ut labore et dolore magna
aliqua.</p>
</article>
```

```
<article>
  <h2>Article Title 4</h2>
  <figure>
    
    <figcaption>Image Caption</figcaption>
  </figure>
```


<p>This is the content of the fourth article. Lorem ipsum dolor sit amet, consectetur adipiscing elit.

Sed do eiusmod tempor incididunt ut labore et dolore magna aliqua.</p>

</article>

<article>

<h2>Article Title 5</h2>

<figure>

<figcaption>Image Caption</figcaption>

</figure>

<p>This is the content of the fourth article. Lorem ipsum dolor sit amet, consectetur adipiscing elit.

Sed do eiusmod tempor incididunt ut labore et dolore magna aliqua.</p>

</article>

<article>

<h2>Article Title 6</h2>

<figure>

<figcaption>Image Caption</figcaption>

</figure>

<p>This is the content of the fourth article. Lorem ipsum dolor sit amet, consectetur adipiscing elit.

Sed do eiusmod tempor incididunt ut labore et dolore magna aliqua.</p>

</article>

</main>

<aside class="related-news">

<h3>Related News</h3>

Related News 1

Related News 2

Related News 3

</aside>

```
</div>

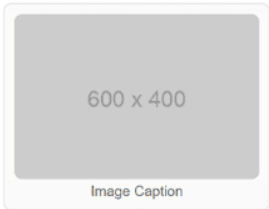
<section>
  <h2>Recent Posts</h2>
  <div>
    <table>
      <caption>List of Posts</caption>
      <thead>
        <tr>
          <th>Post Title</th>
          <th>Date</th>
          <th>Author</th>
        </tr>
      </thead>
      <tbody>
        <tr>
          <td>Post 1</td>
          <td>2024-08-30</td>
          <td>Author 1</td>
        </tr>
        <tr>
          <td>Post 2</td>
          <td>2024-08-29</td>
          <td>Author 2</td>
        </tr>
        <tr>
          <td>Post 3</td>
          <td>2024-08-28</td>
          <td>Author 3</td>
        </tr>
      </tbody>
    </table>
  </div>
</section>

<footer>
  <p>© 2024 Newspaper. All rights reserved.</p>
</footer>
</body>

</html>
```

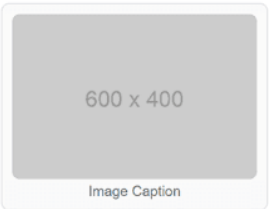
Output :

Article Title 1



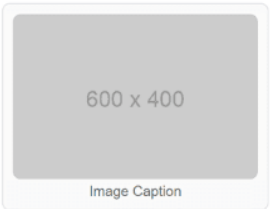
This is the content of the first article. Lorem ipsum dolor sit amet, consectetur adipiscing elit. Sed do eiusmod tempor incididunt ut labore et dolore magna aliqua.

Article Title 2



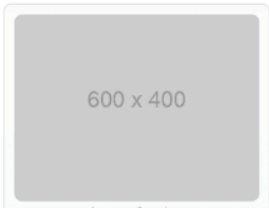
This is the content of the second article. Lorem ipsum dolor sit amet, consectetur adipiscing elit. Sed do eiusmod tempor incididunt ut labore et dolore magna aliqua.

Article Title 3



This is the content of the third article. Lorem ipsum dolor sit amet, consectetur adipiscing elit. Sed do eiusmod tempor incididunt ut labore et dolore magna aliqua.

Article Title 4



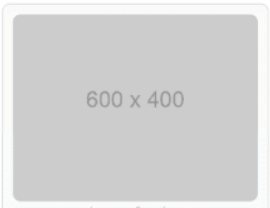
This is the content of the fourth article. Lorem ipsum dolor sit amet, consectetur adipiscing elit. Sed do eiusmod tempor incididunt ut labore et dolore magna aliqua.

Article Title 5



This is the content of the fourth article. Lorem ipsum dolor sit amet, consectetur adipiscing elit. Sed do eiusmod tempor incididunt ut labore et dolore magna aliqua.

Article Title 6



This is the content of the fourth article. Lorem ipsum dolor sit amet, consectetur adipiscing elit. Sed do eiusmod tempor incididunt ut labore et dolore magna aliqua.

Related News

- Related News 1
- Related News 2
- Related News 3

Recent Posts

List of Posts

Post Title	Date	Author
Post 1	2024-08-30	Author 1
Post 2	2024-08-29	Author 2
Post 3	2024-08-28	Author 3

Registration Form

First Name:

Last Name:

Email:

Password:

Date of Birth:

Gender:

☐ Male ☐ Female

Country:

Bio:

Register

Reset