<u>Lab Assignment – 1</u>

Web Technology

Name: Ayushi Gupta

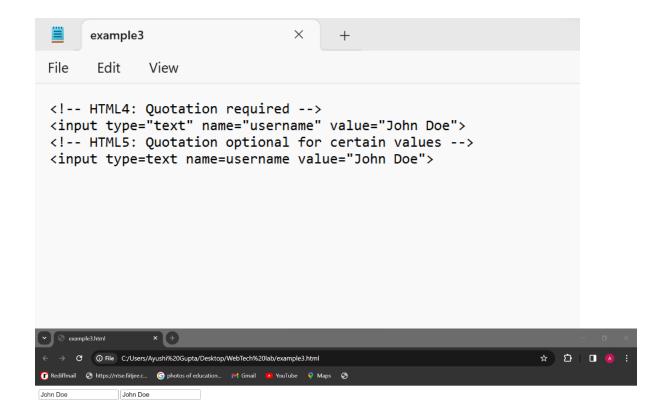
Branch: CSE

Roll no.: 22CS3022

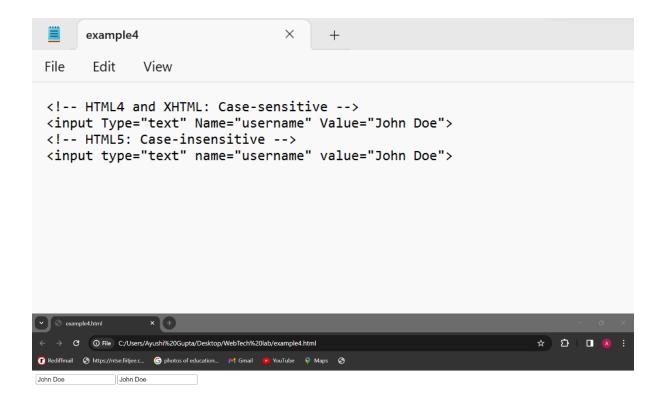
Example 1]

```
example1
 File
        Edit
                View
 <!DOCTYPE html>
 <html lang="en">
 <head>
 <meta charset="UTF-8">
 <meta name="viewport" content="width=device-width, initial-scale=1.0">
 <title>Document</title>
 </head>
 <body>
 <!-- Content goes here -->
 </body>
 </html>
x (+)
  → C © File C:/Users/Ayushi%20Gupta/Desktop/example1.html
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🕜 Rediffmail  https://ntse.fiitjee.c... 🌀 photos of education... 🔀 Gmail 🔼 YouTube 🔻 Maps 🔇
```

Example 3]



Example 4]



Example 5]

```
example5
 File
       Edit
              View
 <!DOCTYPE html>
 <html lang="en">
 <head>
 <meta charset="UTF-8">
 <meta name="viewport" content="width=device-width, initial-scale=1.0">
<title>My First HTML5 Page</title>
 </head>
 <body>
 <header>
 <h1>Welcome to My Website</h1>
 </header>
 <nav>
 <l
 <a href="#home">Home</a>
 <a href="#about">About</a>
 <a href="#contact">Contact</a>
 </nav>
 <section>
 <h2>About Us</h2>
 Lorem ipsum dolor sit amet, consectetur adipiscing elit...
 © 2023 My Website. All rights reserved.
 </footer>
 </body>
 </html>
\leftarrow \quad \Rightarrow \quad \textbf{C} \qquad \textbf{(i)} \  \, \textbf{File} \quad \textbf{C:/Users/Ayushi%20Gupta/Desktop/WebTech%20lab/example5.html}
```

Welcome to My Website

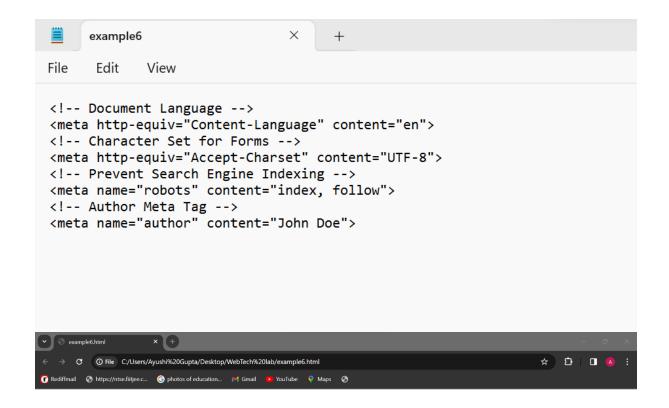
- <u>Hom</u>
- About

About Us

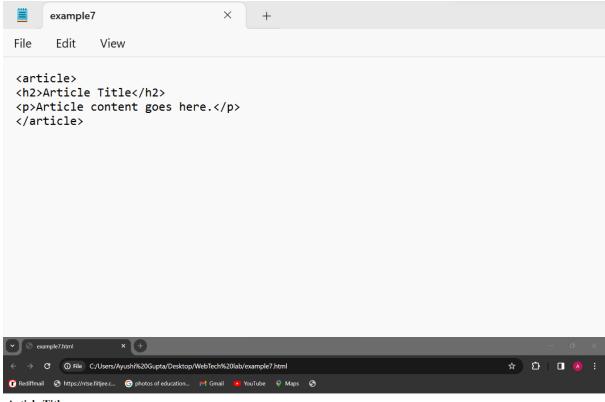
Lorem ipsum dolor sit amet, consectetur adipiscing elit...

 $\ensuremath{\mathbb{C}}$ 2023 My Website. All rights reserved.

Example 6]



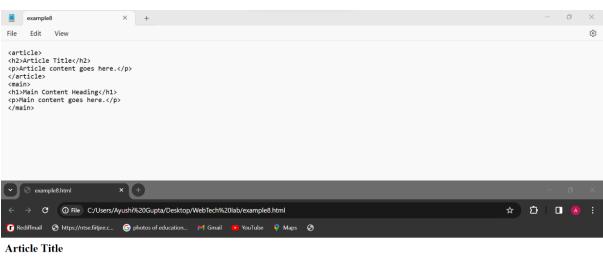
Example 7]



Article Title

Article content goes here.

Example 8]

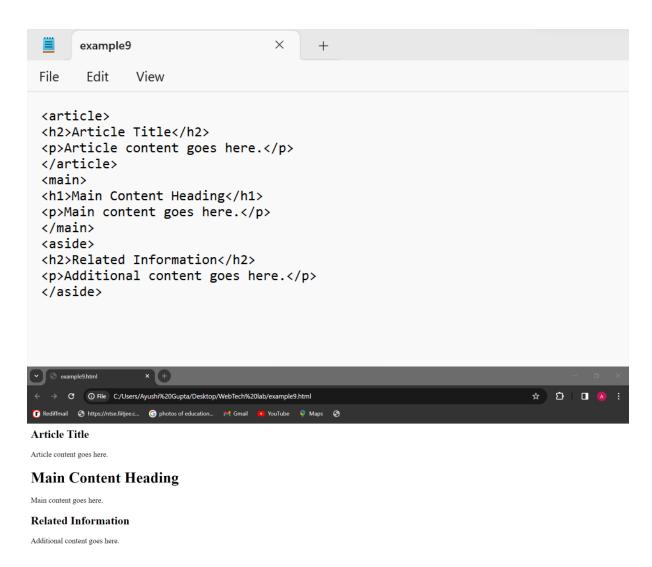


Article content goes here.

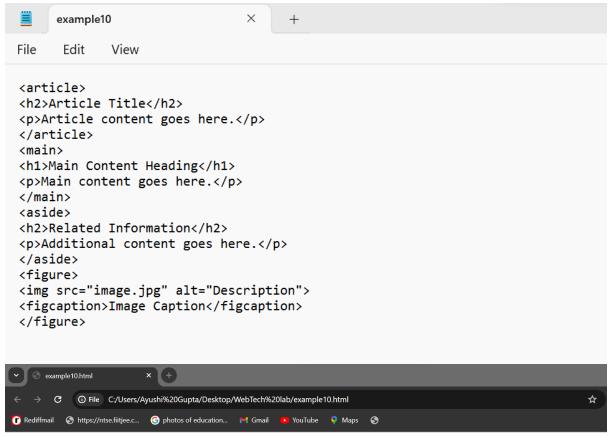
Main Content Heading

Main content goes here.

Example 9]



Example 10]



Article Title

Article content goes here.

Main Content Heading

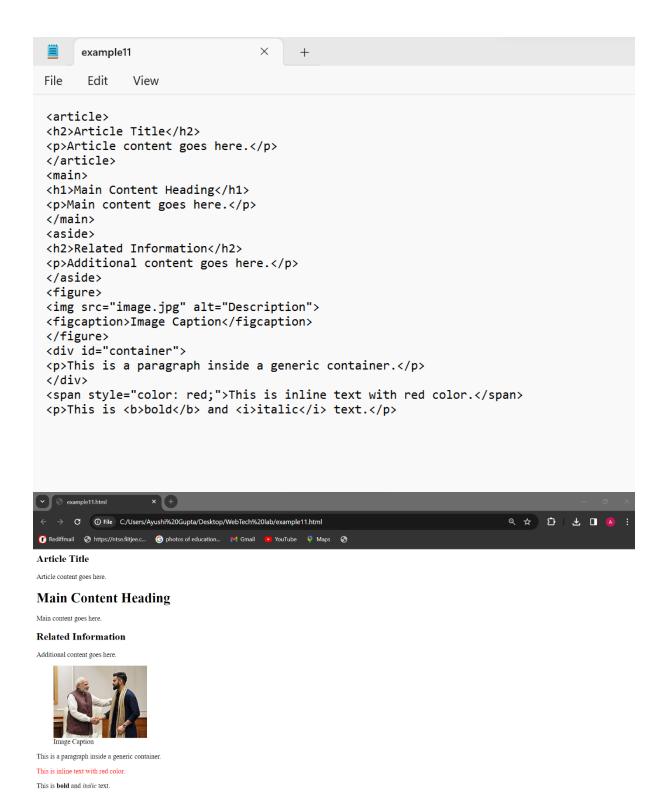
Main content goes here.

Related Information

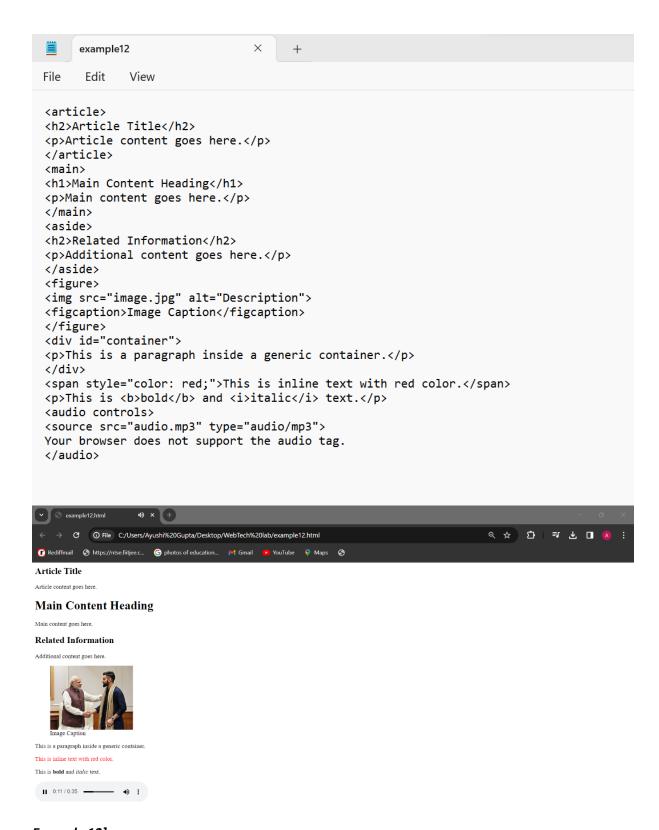
Additional content goes here.



Example 11]



Example 12]

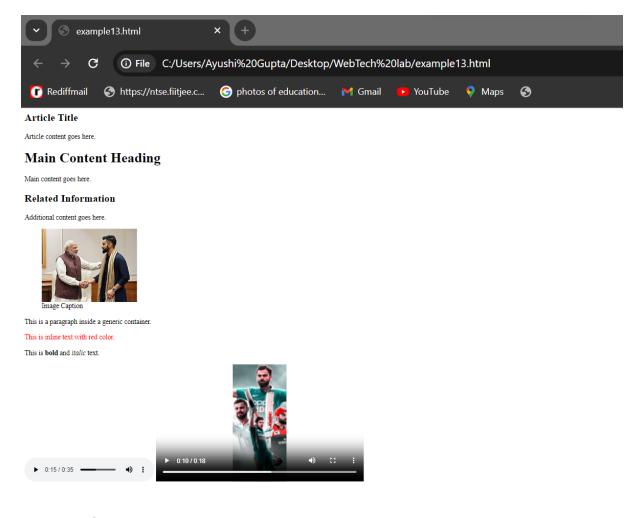


Example 13]

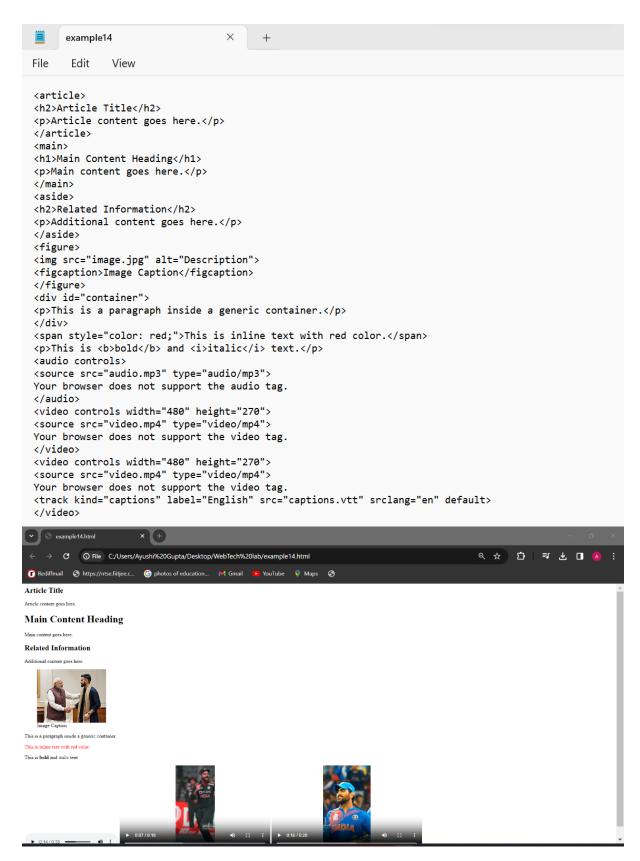
```
example13
                                   +
File
      Edit
           View
<article>
<h2>Article Title</h2>
Article content goes here.
</article>
<main>
<h1>Main Content Heading</h1>
Main content goes here.
</main>
<aside>
<h2>Related Information</h2>
Additional content goes here.
</aside>
<figure>
<img src="image.jpg" alt="Description">
<figcaption>Image Caption</figcaption>
</figure>
<div id="container">
This is a paragraph inside a generic container.
<span style="color: red;">This is inline text with red color.</span>
This is <b>bold</b> and <i>italic</i> text.
<audio controls>
<source src="audio.mp3" type="audio/mp3">
Your browser does not support the audio tag.
</audio>
<video controls width="480" height="270">
<source src="video.mp4" type="video/mp4">
```

Your browser does not support the video tag.

</video>



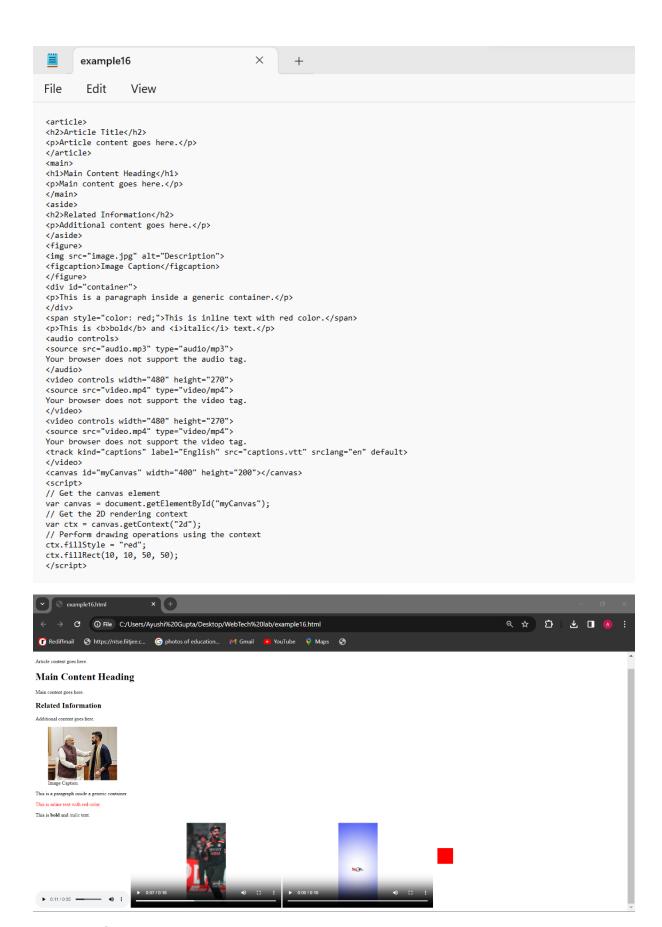
Example 14]



Example 15]

```
example15
                                            +
       Edit
               View
File
<article>
<h2>Article Title</h2>
Article content goes here.
</article>
<h1>Main Content Heading</h1>
Main content goes here.
</main>
<aside>
<h2>Related Information</h2>
Additional content goes here.
</aside>
<figure>
<img src="image.jpg" alt="Description">
<figcaption>Image Caption</figcaption>
</figure>
<div id="container">
This is a paragraph inside a generic container.
</div>
<span style="color: red;">This is inline text with red color.</span>
This is <b>bold</b> and <i>italic</i> text.
<audio controls>
<source src="audio.mp3" type="audio/mp3">
Your browser does not support the audio tag.
<video controls width="480" height="270">
<source src="video.mp4" type="video/mp4">
Your browser does not support the video tag.
</video>
<video controls width="480" height="270">
<source src="video.mp4" type="video/mp4">
Your browser does not support the video tag. 
<track kind="captions" label="English" src="captions.vtt" srclang="en" default>
</video>
<canvas id="myCanvas" width="400" height="200"></canvas>
```

Example 16]



Example 17]

File Edit View

```
derticle
drDaArticle Title
dpoArticle content goes here.
(po)
drDaArticle content goes here.
drDaArticle content goes here.
dpoArticle content goes here.
drDaArticle drDaArticle content goes here.
drBa green grame. Jgg alt="Boscription">
drBa grame. Jgg alt="B
```

Example 18]

```
example18 × +
```

File Edit View

```
<article>
<h2>Article Title</h2>
Article content goes here.
</article>
<main>
<h1>Main Content Heading</h1>
Main content goes here.
</main>
<aside>
<h2>Related Information</h2>
Additional content goes here.
</aside>
<figure>
<img src="image.jpg" alt="Description">
<figcaption>Image Caption</figcaption>
</figure>
<div id="container">
This is a paragraph inside a generic container.
</div>
<span style="color: red;">This is inline text with red color.</span>
This is <b>old</b> and <i>italic</i> text.
<audio controls>
<source src="audio.mp3" type="audio/mp3">
Your browser does not support the audio tag.
</audio>
<video controls width="480" height="270">
<source src="video.mp4" type="video/mp4">
Your browser does not support the video tag.
</video>
<video controls width="480" height="270">

</video>
<canvas id="myCanvas" width="400" height="200"></canvas>
// Get the canvas element
var canvas = document.getElementById("myCanvas");
// Get the 2D rendering context
var ctx = canvas.getContext("2d");
var ctx = canvas.getconrect(20);
// Perform drawing operations using the context
ctx.fillStyle = "red";
ctx.fillRect(10, 10, 50, 50);
</script>
function draw() {
var canvas = document.getElementById("myCanvas");
var ctx = canvas.getContext("2d");
// Perform drawing operations requestAnimationFrame(draw); // Call draw function again for the next animation
draw(); // Initial call to start the animation loop
<svg width="200" height="200">
<!-- SVG content goes here -->
</svg>
```

Example 19]

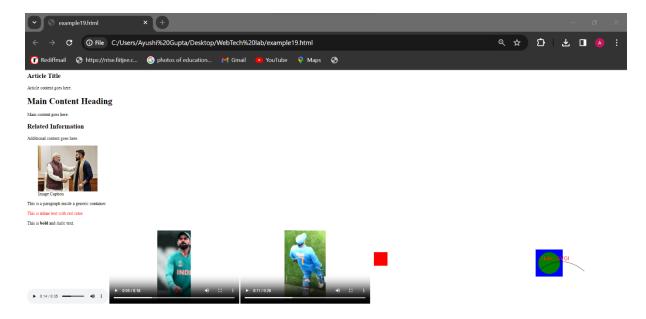
X

+

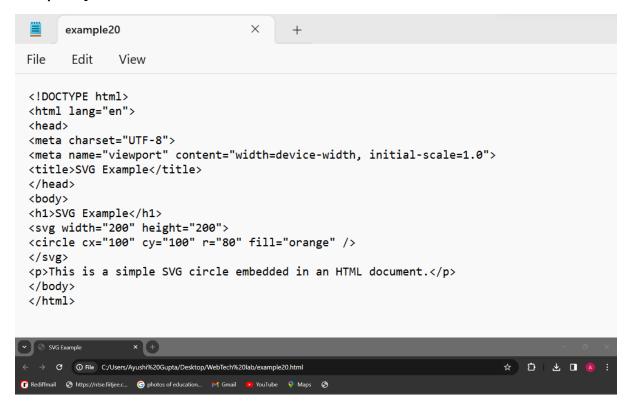
File Edit View

```
<article>
</article>
<main>
<h1>Main Content Heading</h1>
Main content goes here.</main>
<aside>
<h2>Related Information</h2>

Additional content goes here.
</aside>
<figure>
<img src="image.jpg" alt="Description">
<figcaption>Image Caption</figcaption>
</figure>
<div id="container">
This is a paragraph inside a generic container.
</div>
<source src="audio.mp3" type="audio/mp3">
Your browser does not support the audio tag.
</audio>
<video controls width="480" height="270">
<source src="video.mp4" type="video/mp4">
Your browser does not support the video tag.
</video>
</video
</ideo controls width="480" height="270">
<source src="video.mp4" type="video/mp4">
Your browser does not support the video tag.
<track kind="captions" label="English" src="captions.vtt" srclang="en" default>
</video>
<canvas id="myCanvas" width="400" height="200"></canvas>
<script>
// Get the canvas element
// Get the canvas element
var canvas = document.getElementById("myCanvas");
// Get the 2D rendering context
var ctx = canvas.getContext("2d");
// Perform drawing operations using the context
ctx.fillStyle = "red";
ctx.fillRect(10, 10, 50, 50);
//scripts
</script>
function draw() {
var canvas = document.getElementById("myCanvas");
var ctx = canvas.getContext("2d");
// Perform drawing operations
requestAnimationFrame(draw); // Call draw function again for the next animation
frame
}
draw(); // Initial call to start the animation loop
<svg width="200" height="200">
<!-- SVG content goes here -->
<!-- SVG Content goes nere -->
</svg>
<svg width="200" height="200">
<rect width="1200" height="1200" fill="blue" />
<rect width="1200" height="1200" fill="blue" />
<ircle cx="50" cy="500" r="400" fill="green" />
<path d="M10 80 Q 95 10 180 80" fill="transparent" stroke="black" />
<text x="20" y="40" font-family="Arial" font-size="20" fill="red">Hello, SVG!</text>
```



Example 20]



SVG Example



This is a simple SVG circle embedded in an HTML document.

Example 21]

