

Lab Assignment – 1

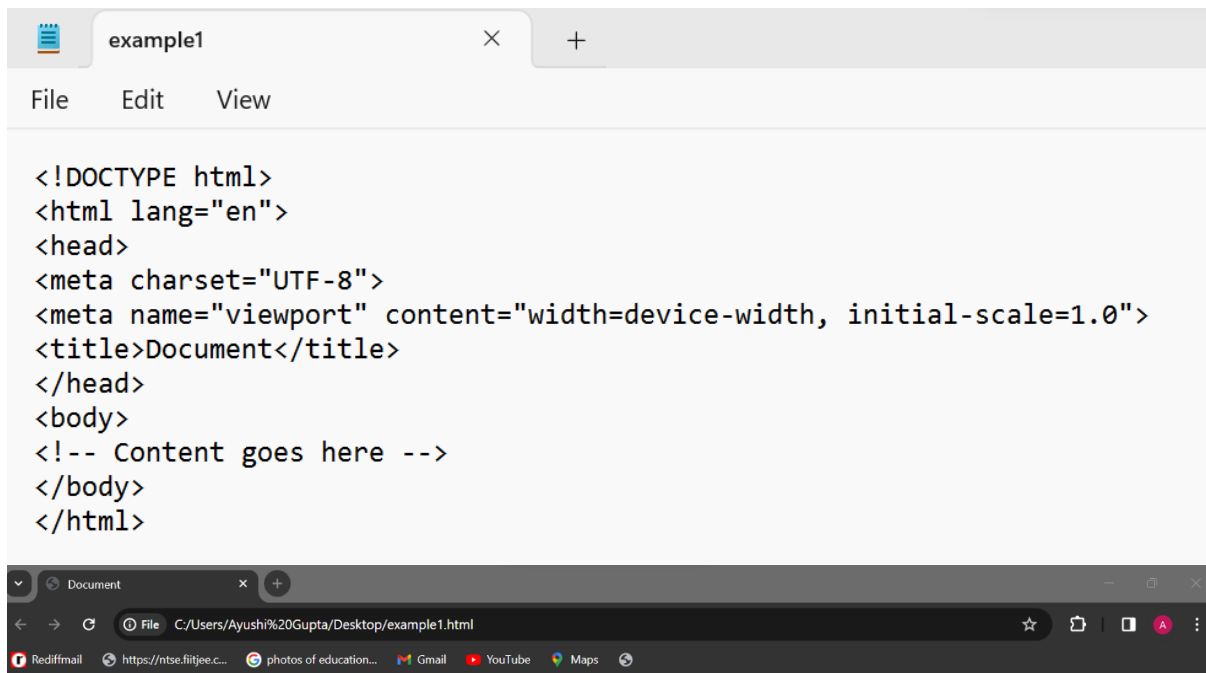
Web Technology

Name: Ayushi Gupta

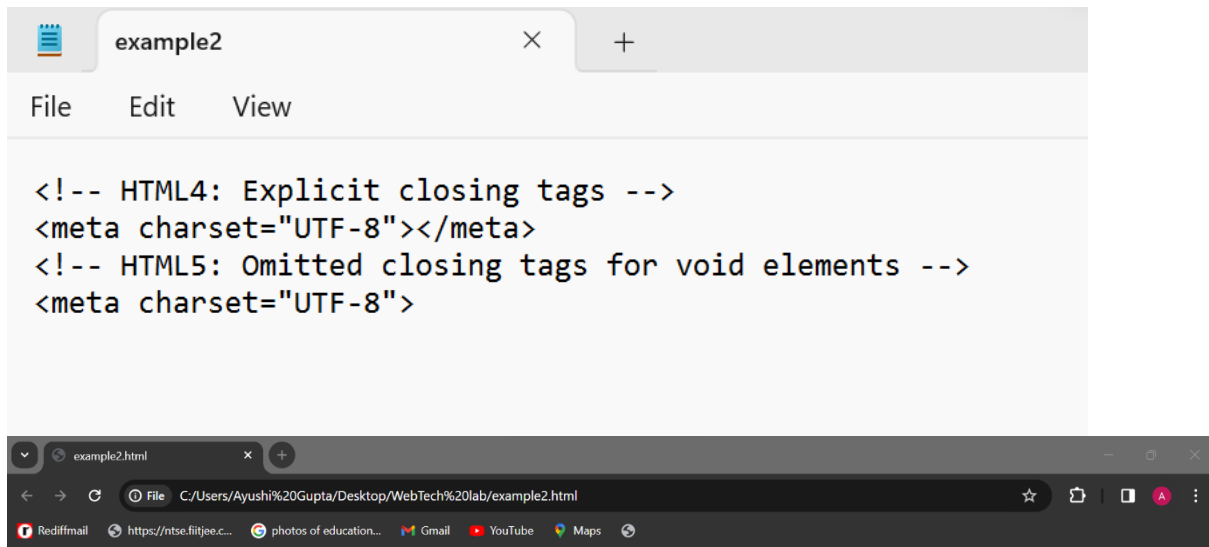
Branch: CSE

Roll no.: 22CS3022

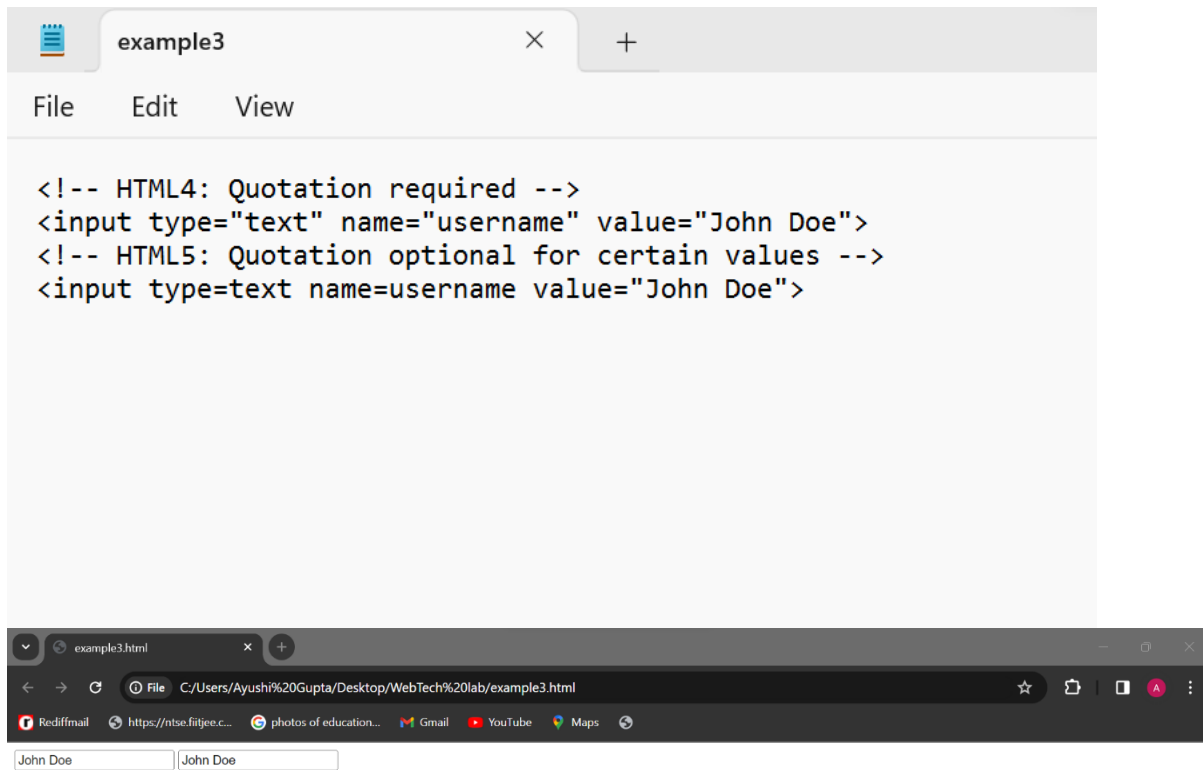
Example 1]



Example 2]



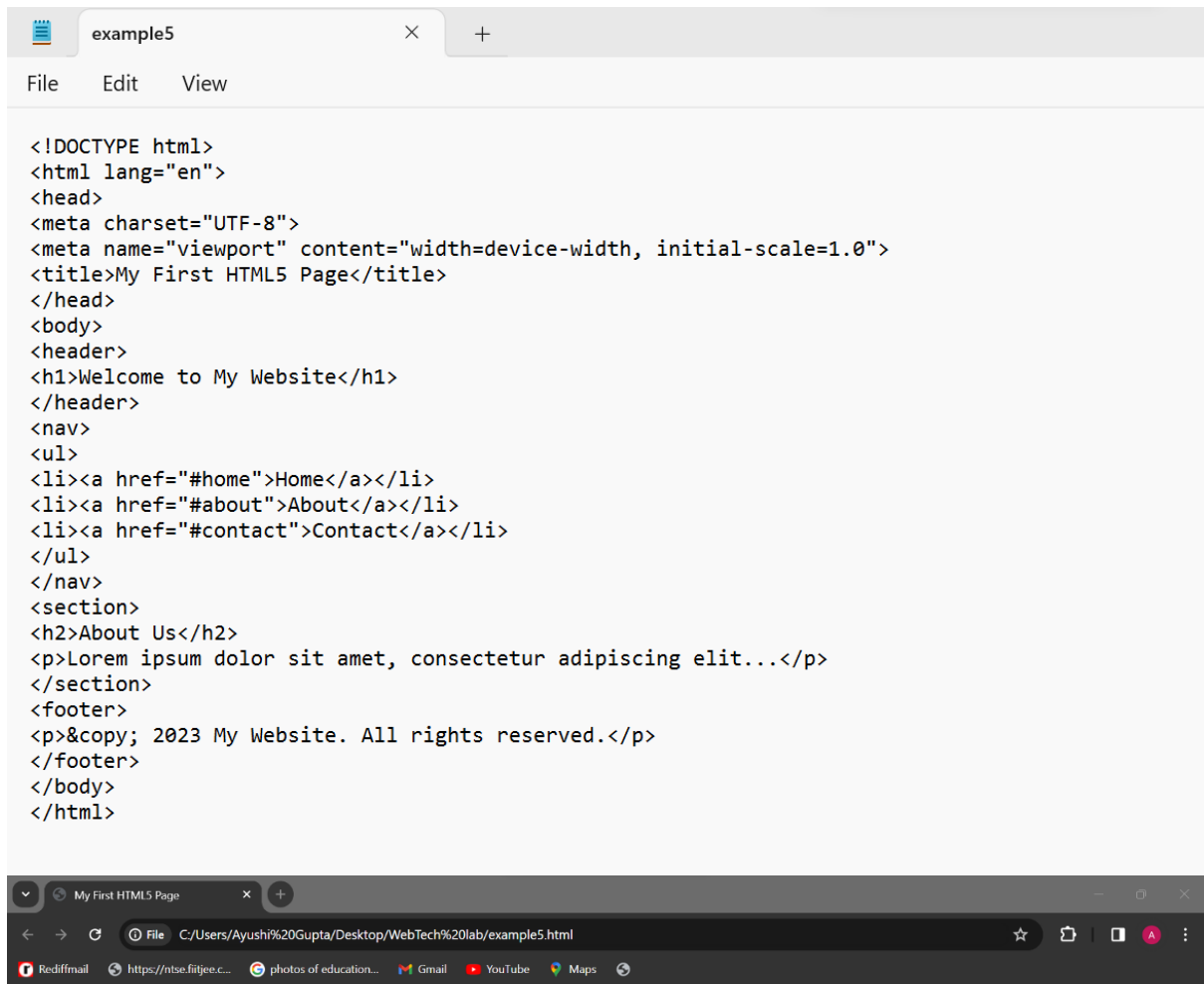
Example 3]



Example 4]



Example 5]



Welcome to My Website

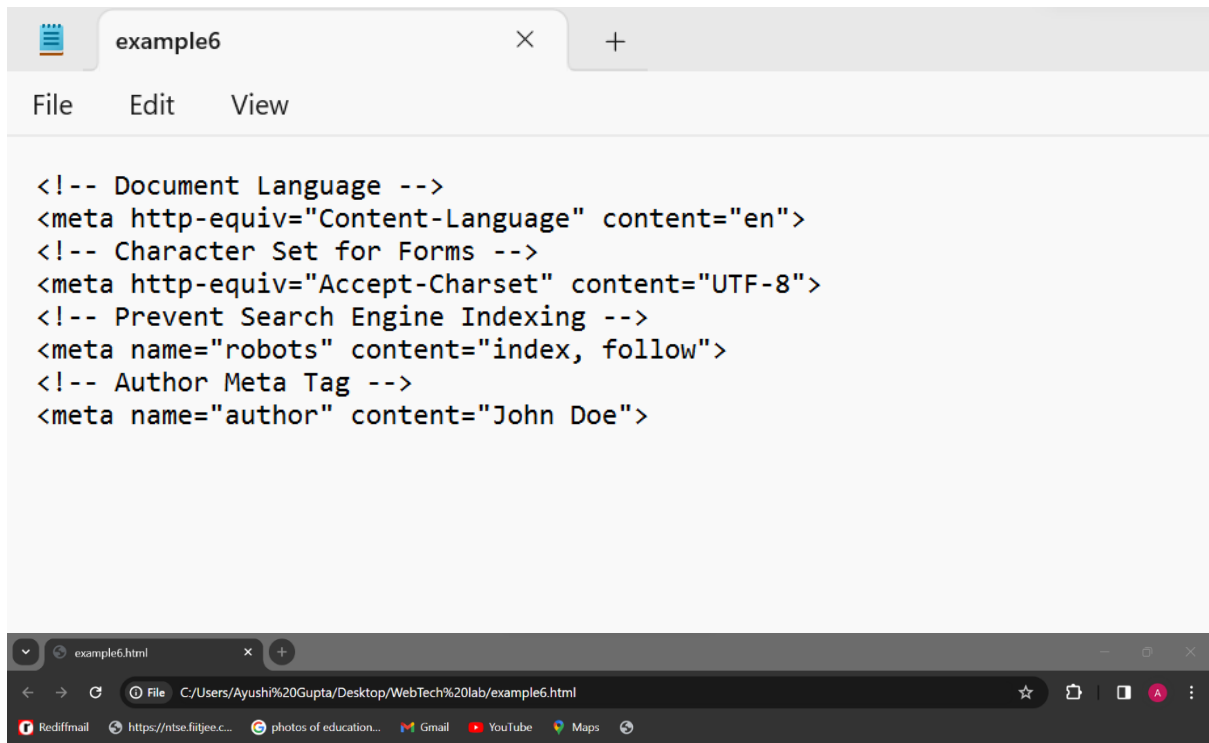
- [Home](#)
- [About](#)
- [Contact](#)

About Us

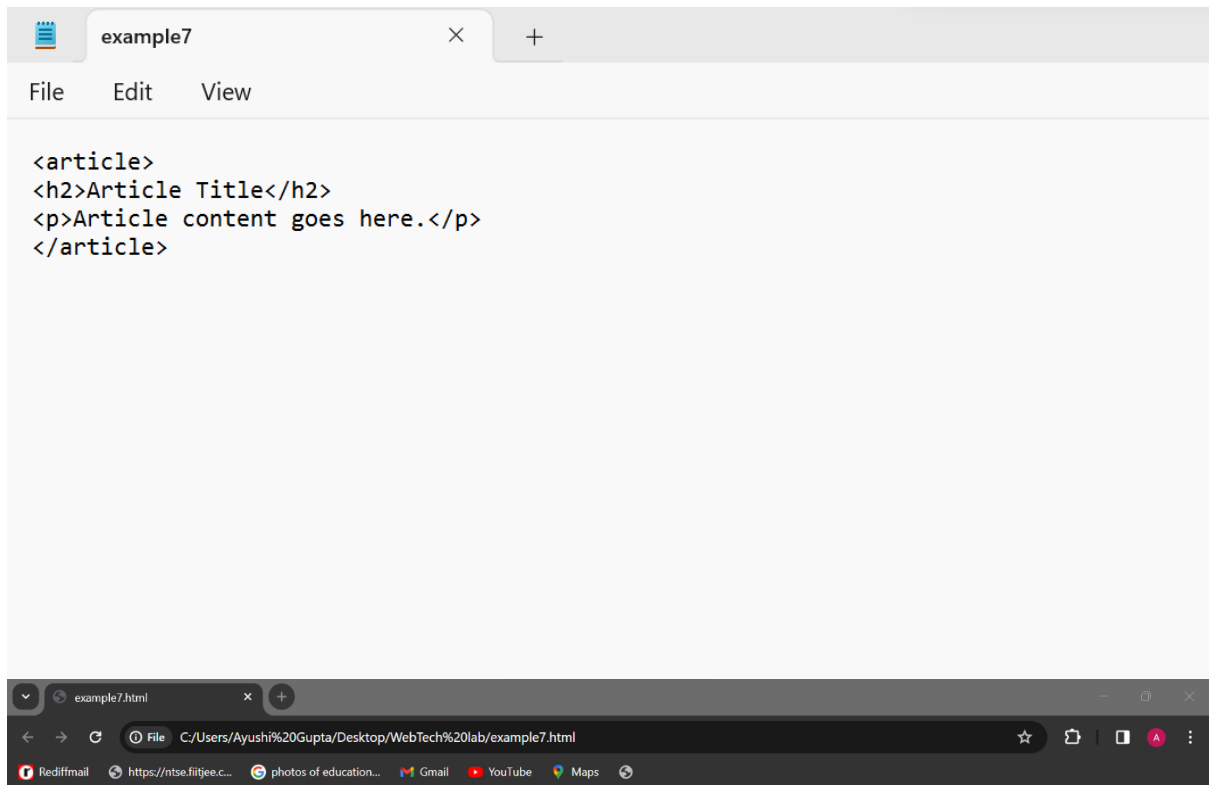
Lorem ipsum dolor sit amet, consectetur adipiscing elit...

© 2023 My Website. All rights reserved.

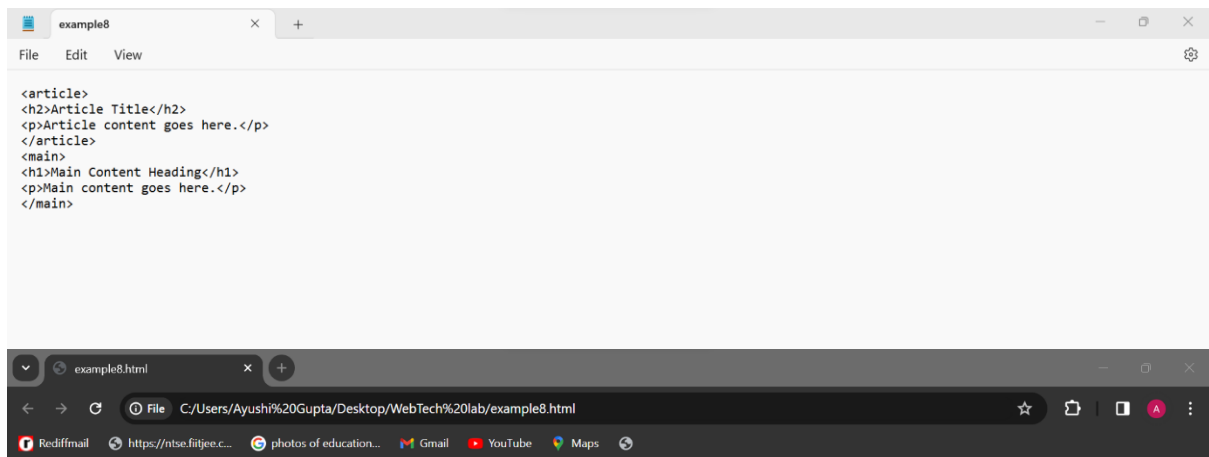
Example 6]



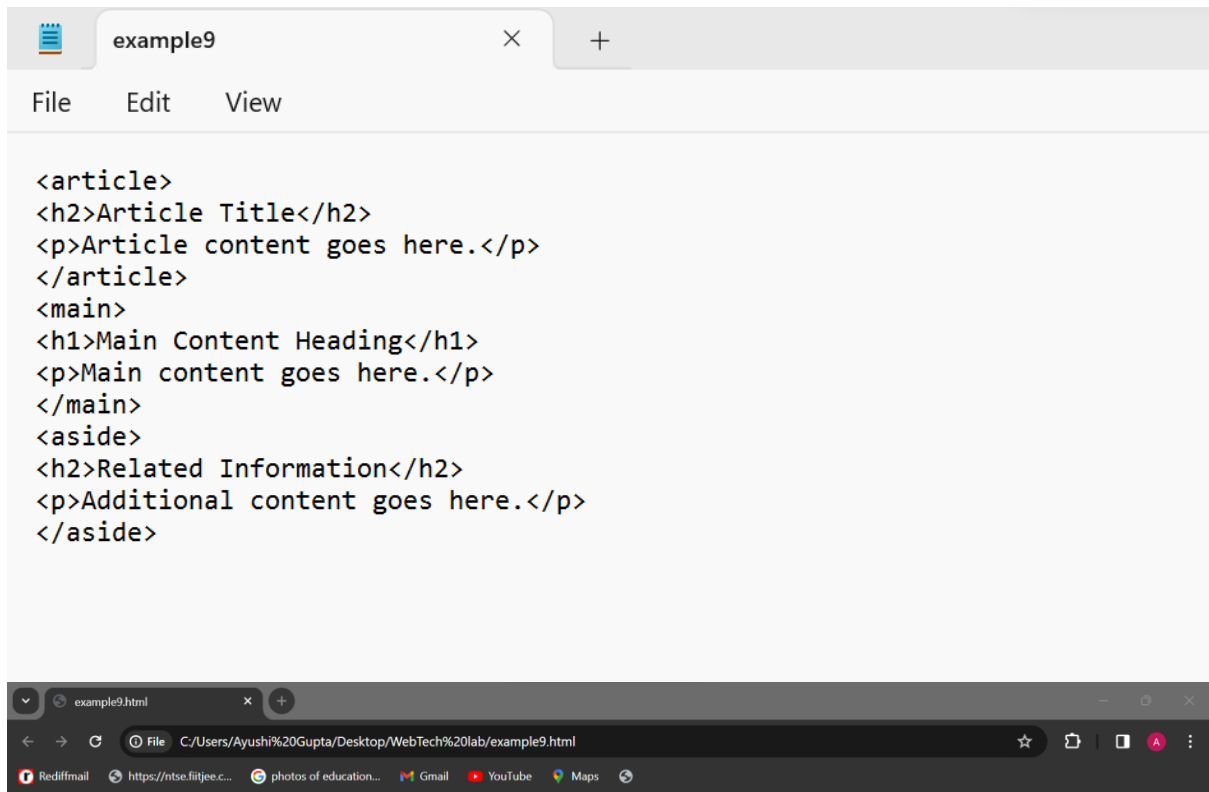
Example 7]



Example 8]



Example 9]



Article Title

Article content goes here.

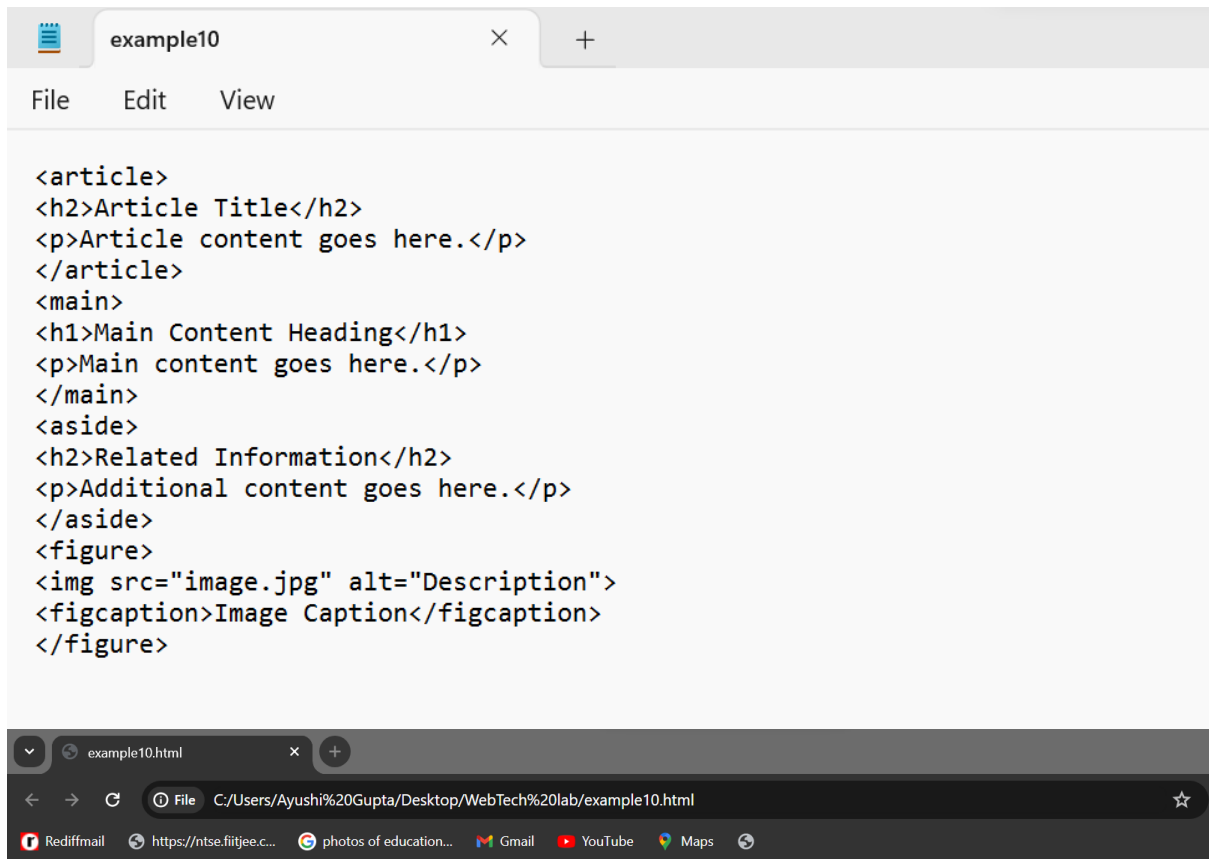
Main Content Heading

Main content goes here.

Related Information

Additional content goes here.

Example 10]



Article Title

Article content goes here.

Main Content Heading

Main content goes here.

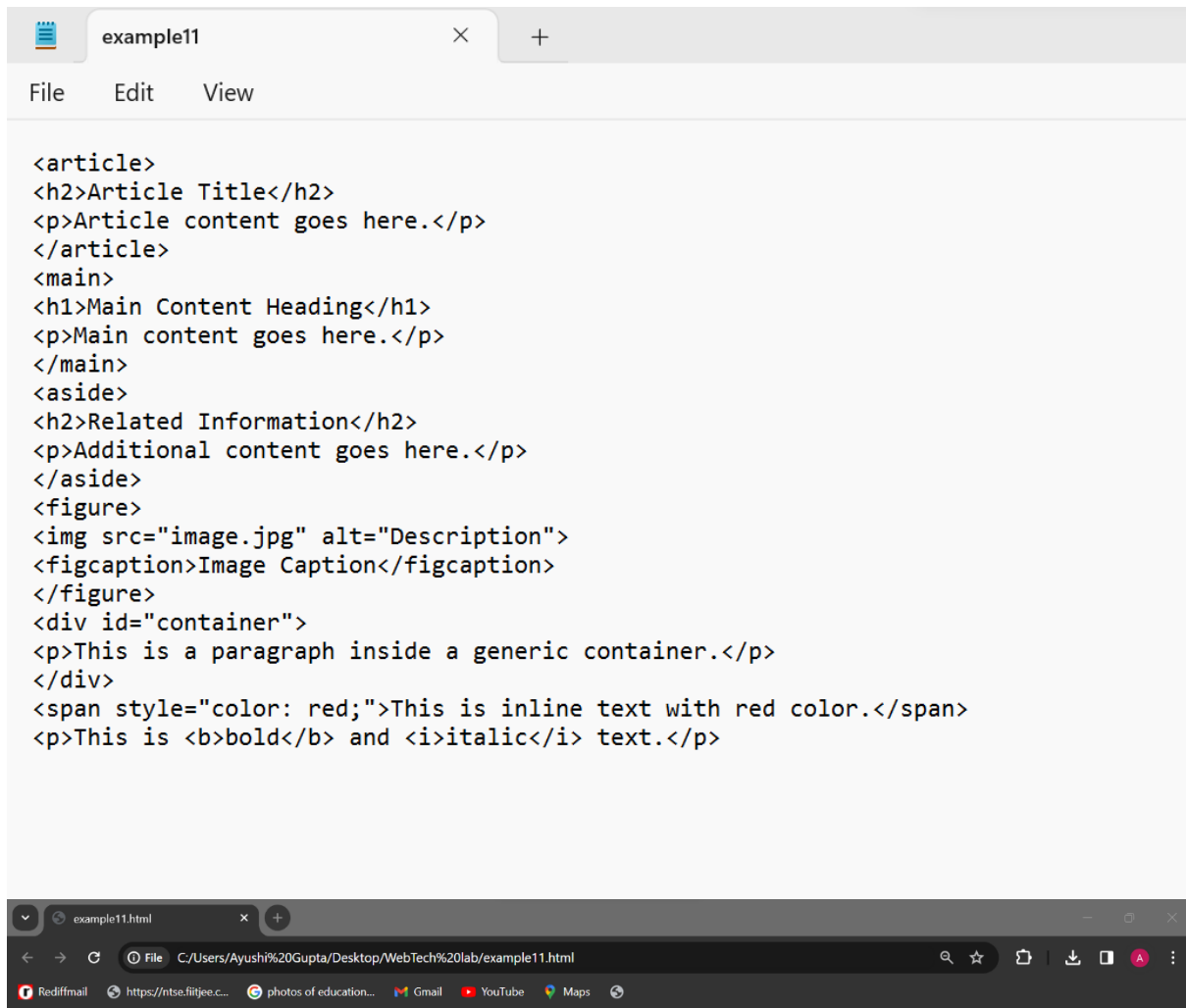
Related Information

Additional content goes here.



Image Caption

Example 11]



Article Title

Article content goes here.

Main Content Heading

Main content goes here.

Related Information

Additional content goes here.



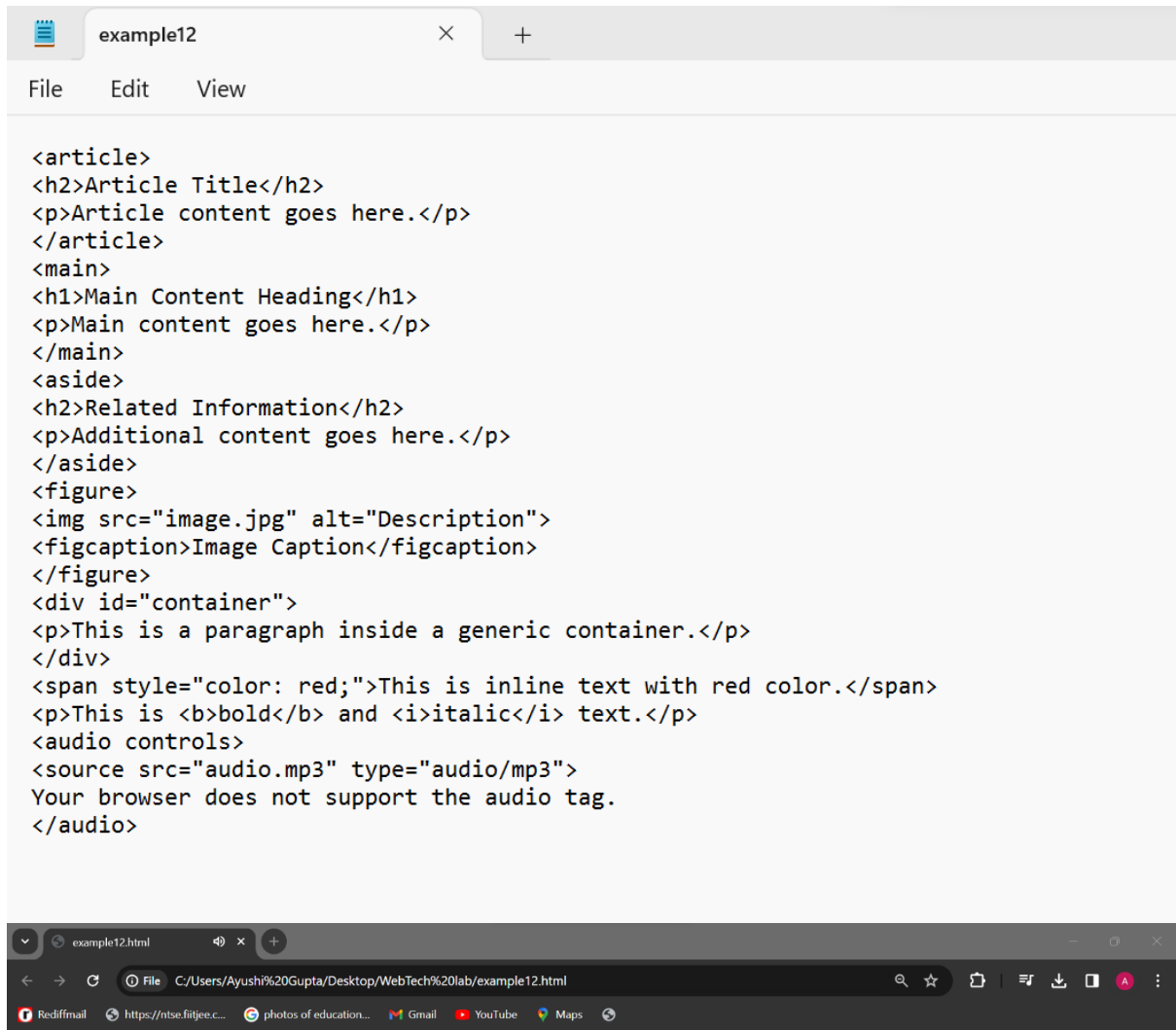
Image Caption

This is a paragraph inside a generic container.

This is inline text with red color.

This is **bold** and *italic* text.

Example 12]



Article Title

Article content goes here.

Main Content Heading

Main content goes here.

Related Information

Additional content goes here.




Image Caption

This is a paragraph inside a generic container.

This is inline text with red color.

This is **bold** and *italic* text.

0:11 / 0:35

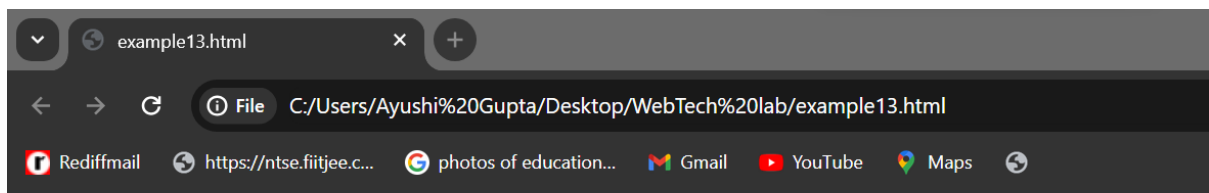
Example 13]

example13

File Edit View

```
<article>
<h2>Article Title</h2>
<p>Article content goes here.</p>
</article>
<main>
<h1>Main Content Heading</h1>
<p>Main content goes here.</p>
</main>
<aside>
<h2>Related Information</h2>
<p>Additional content goes here.</p>
</aside>
<figure>

<figcaption>Image Caption</figcaption>
</figure>
<div id="container">
<p>This is a paragraph inside a generic container.</p>
</div>
<span style="color: red;">This is inline text with red color.</span>
<p>This is <b>bold</b> and <i>italic</i> text.</p>
<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>
```



Article Title

Article content goes here.

Main Content Heading

Main content goes here.

Related Information

Additional content goes here.

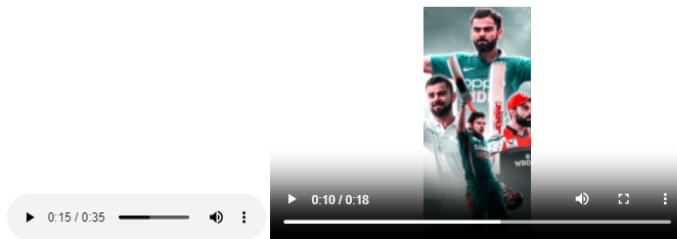


Image Caption

This is a paragraph inside a generic container.

This is inline text with red color.

This is **bold** and *italic* text.



Example 14]

example14

File Edit View

```
<article>
<h2>Article Title</h2>
<p>Article content goes here.</p>
</article>
<main>
<h1>Main Content Heading</h1>
<p>Main content goes here.</p>
</main>
<aside>
<h2>Related Information</h2>
<p>Additional content goes here.</p>
</aside>
<figure>

<figcaption>Image Caption</figcaption>
</figure>
<div id="container">
<p>This is a paragraph inside a generic container.</p>
</div>
<span style="color: red;">This is inline text with red color.</span>
<p>This is <b>bold</b> and <i>italic</i> text.</p>
<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">
<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>
```

example14.html

C:/Users/Ayushi%20Gupta/Desktop/WebTech%20lab/example14.html

Article Title

Article content goes here.

Main Content Heading

Main content goes here.

Related Information

Additional content goes here.






Image Caption

This is a paragraph inside a generic container.

This is inline text with red color.

This is bold and italic text.





Example 15]

example15

File Edit View

```
<article>
<h2>Article Title</h2>
<p>Article content goes here.</p>
</article>
<main>
<h1>Main Content Heading</h1>
<p>Main content goes here.</p>
</main>
<aside>
<h2>Related Information</h2>
<p>Additional content goes here.</p>
</aside>
<figure>

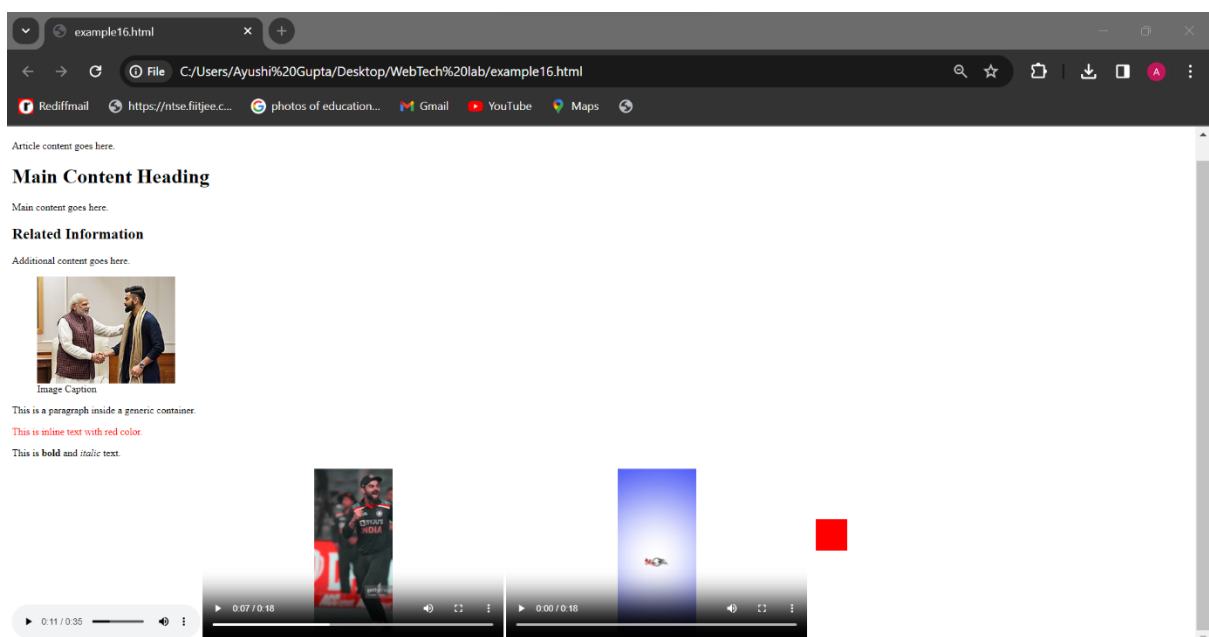
<figcaption>Image Caption</figcaption>
</figure>
<div id="container">
<p>This is a paragraph inside a generic container.</p>
</div>
<span style="color: red;">This is inline text with red color.</span>
<p>This is <b>bold</b> and <i>italic</i> text.</p>
<audio controls>
<source src="audio.mp3" type="audio/mp3">
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">
<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]

```
example16
File Edit View

<article>
<h2>Article Title</h2>
<p>Article content goes here.</p>
</article>
<main>
<h1>Main Content Heading</h1>
<p>Main content goes here.</p>
</main>
<aside>
<h2>Related Information</h2>
<p>Additional content goes here.</p>
</aside>
<figure>

<figcaption>Image Caption</figcaption>
</figure>
<div id="container">
<p>This is a paragraph inside a generic container.</p>
</div>
<span style="color: red;">This is inline text with red color.</span>
<p>This is <b>bold</b> and <i>italic</i> text.</p>
<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">
<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
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);
</script>
```



Example 17]


example17

File Edit View

```
<article>
<h2>Article Title</h2>
<p>Article content goes here.</p>
</article>
<main>
<h1>Main Content Heading</h1>
<p>Main content goes here.</p>
</main>
<aside>
<h2>Related Information</h2>
<p>Additional content goes here.</p>
</aside>
<figure>

<figcaption>Image Caption</figcaption>
</figure>
<div id="container">
<p>This is a paragraph inside a generic container.</p>
</div>
<span style="color: red;">This is inline text with red color.</span>
<p>This is <b>bold</b> and <i>italic</i> text.</p>
<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">
<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
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);
</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
```

Example 18]



example18

X

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FileEditView

```
<article>
<h2>Article Title</h2>
<p>Article content goes here.</p>
</article>
<main>
<h1>Main Content Heading</h1>
<p>Main content goes here.</p>
</main>
<aside>
<h2>Related Information</h2>
<p>Additional content goes here.</p>
</aside>
<figure>

<figcaption>Image Caption</figcaption>
</figure>
<div id="container">
<p>This is a paragraph inside a generic container.</p>
</div>
<span style="color: red;">This is inline text with red color.</span>
<p>This is <b>bold</b> and <i>italic</i> text.</p>
<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">
<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
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);
</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>
```

Example 19]



example19



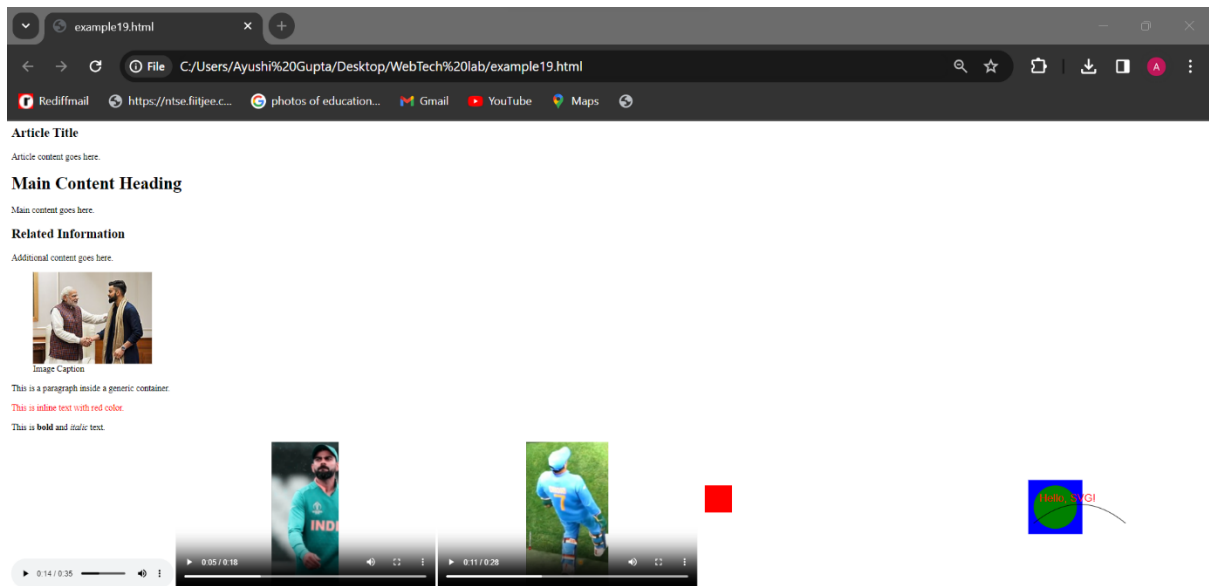
File

Edit

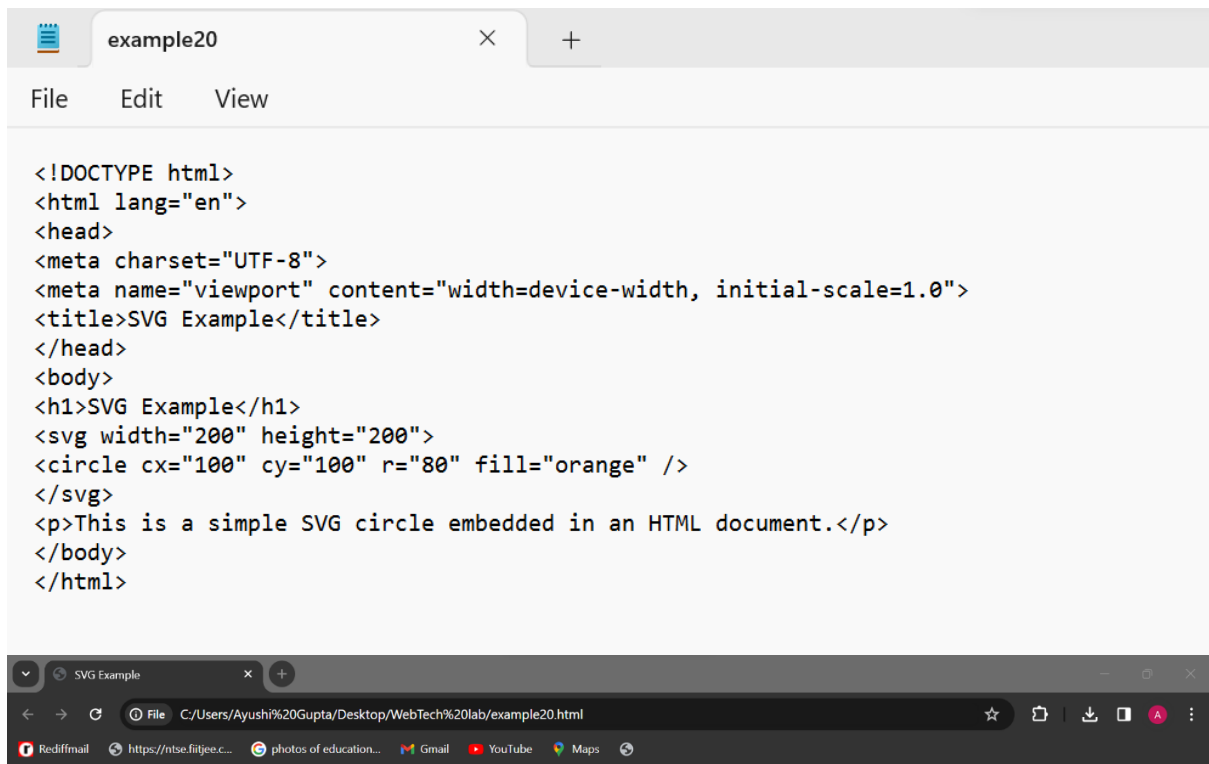
View

```
<article>
<h2>Article Title</h2>
<p>Article content goes here.</p>
</article>
<main>
<h1>Main Content Heading</h1>
<p>Main content goes here.</p>
</main>
<aside>
<h2>Related Information</h2>
<p>Additional content goes here.</p>
</aside>
<figure>

<figcaption>Image Caption</figcaption>
</figure>
<div id="container">
<p>This is a paragraph inside a generic container.</p>
</div>
<span style="color: red;">This is inline text with red color.</span>
<p>This is <b>bold</b> and <i>italic</i> text.</p>
<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">
<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
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);
</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>
<svg width="200" height="200">
<rect width="100" height="100" fill="blue" />
<circle cx="50" cy="50" r="40" 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>
</svg>
```



Example 20]



SVG Example



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

Example 21]

