

Web Programming 1_Lab_1

Eng Rana Mohamed

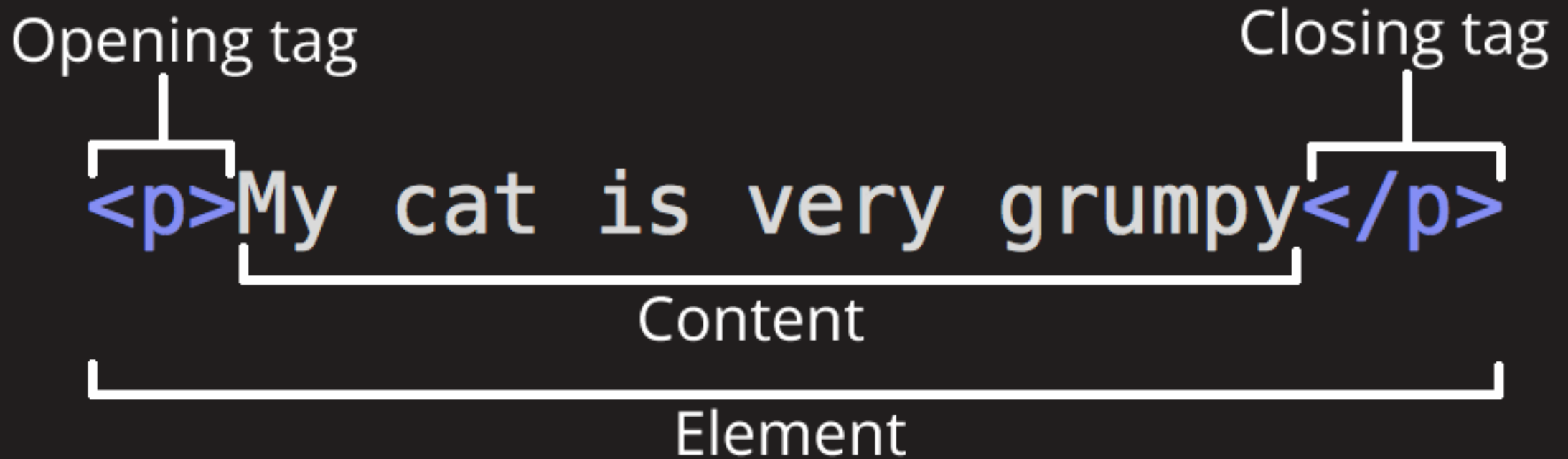
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Web Programming Course



What is HTML

What is HTML



The diagram illustrates the structure of an HTML element. It features the code `<p>My cat is very grumpy</p>` on a dark background. The opening tag `<p>` is highlighted in blue and labeled "Opening tag" with a bracket. The closing tag `</p>` is also highlighted in blue and labeled "Closing tag" with a bracket. The text "My cat is very grumpy" is highlighted in orange and labeled "Content" with a bracket. A large bracket at the bottom encompasses the entire code sequence and is labeled "Element".

Opening tag


Closing tag

`<p>My cat is very grumpy</p>`

Content




Element

What is HTML

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HTML Tutorial

- HTML HOME
- HTML Introduction
- HTML Editors
- HTML Basic
- HTML Elements
- HTML Attributes
- HTML Headings
- HTML Paragraphs
- HTML Styles
- HTML Formatting
- HTML Quotations
- HTML Comments
- HTML Colors
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- HTML Links
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HTML Tutorial

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HTML is the standard markup language for Web pages.

With HTML you can create your own Website.


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What I Need

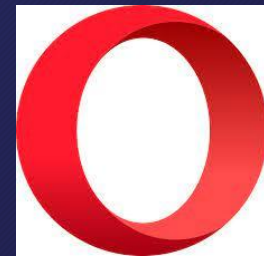
What I Need

- Text editor
- Web browser



Web browser

- Google Chrome
- Microsoft Edge
- Mozilla Firefox
- Safari
- Internet Explorer
- Yandex Browser
- Opera



HTML Structure

HTML page Structure

HTML Page Structure

`<!DOCTYPE html>` ← Tells version of HTML

`<html>` ← HTML Root Element

`<head>` ← Used to contain page HTML metadata

`<title>Page Title</title>` ← Title of HTML page

`</head>`

`<body>` ← Hold content of HTML

`<h2>Heading Content</h2>` ← HTML heading tag

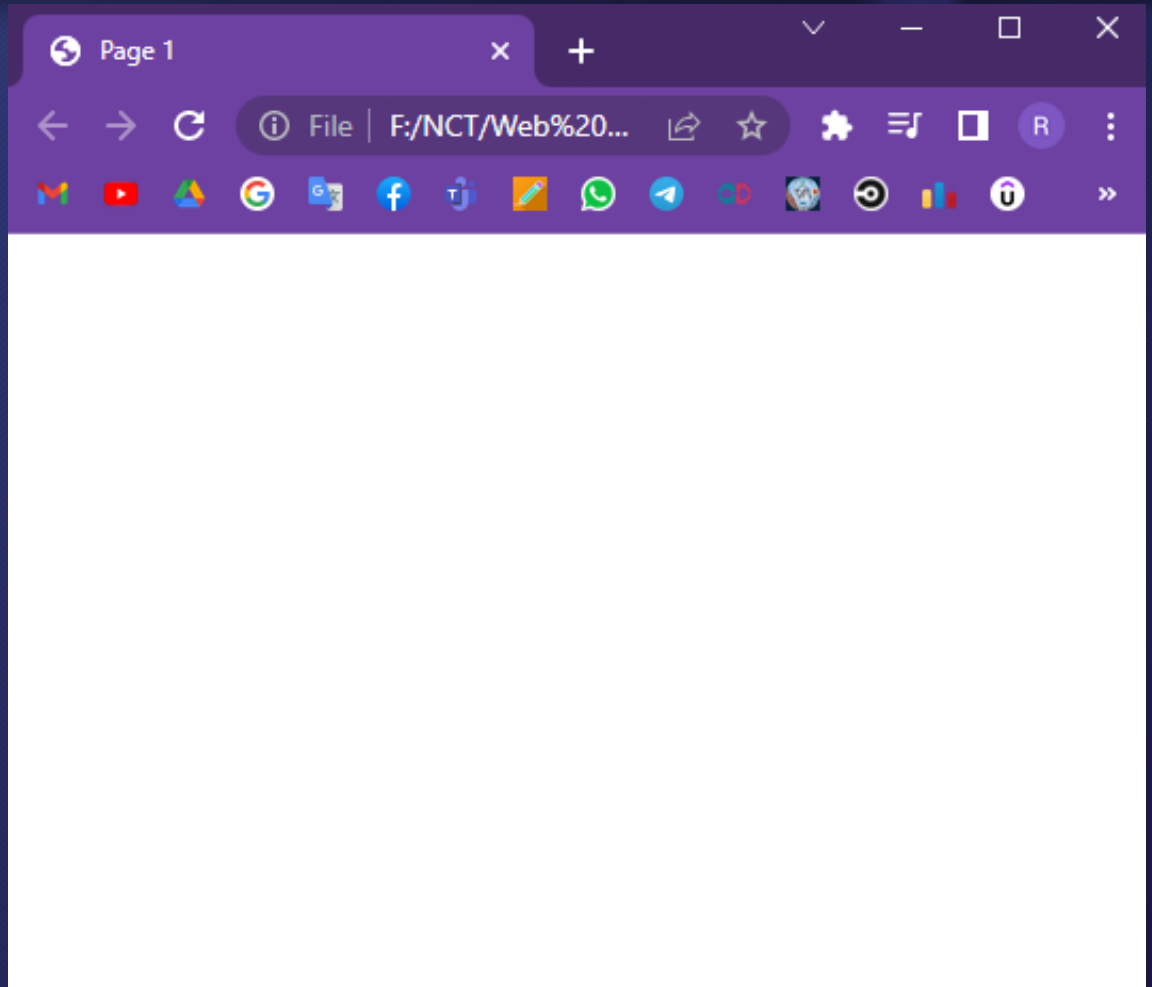
`<p>Paragraph Content</p>` ← HTML paragraph tag

`</body>`

`</html>`

Title

- `<!DOCTYPE html>`
- `<html>`
 - `<head>`
 - `<title> Page 1 </title>`
 - `</head>`
 - `<body>`
 - `</body>`
- `</html>`

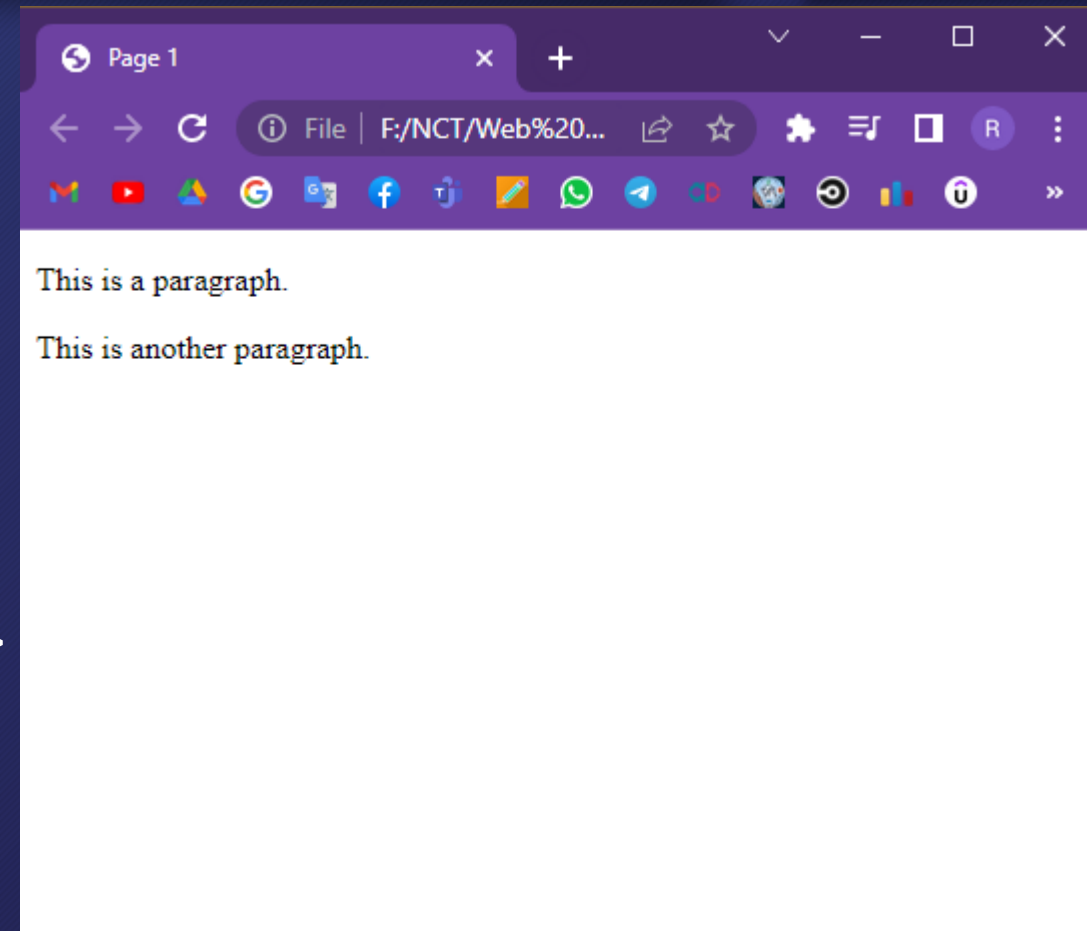


HTML Paragraphs

- HTML paragraphs are defined with the `<p>` tag
- `<p>This is a paragraph.</p>`

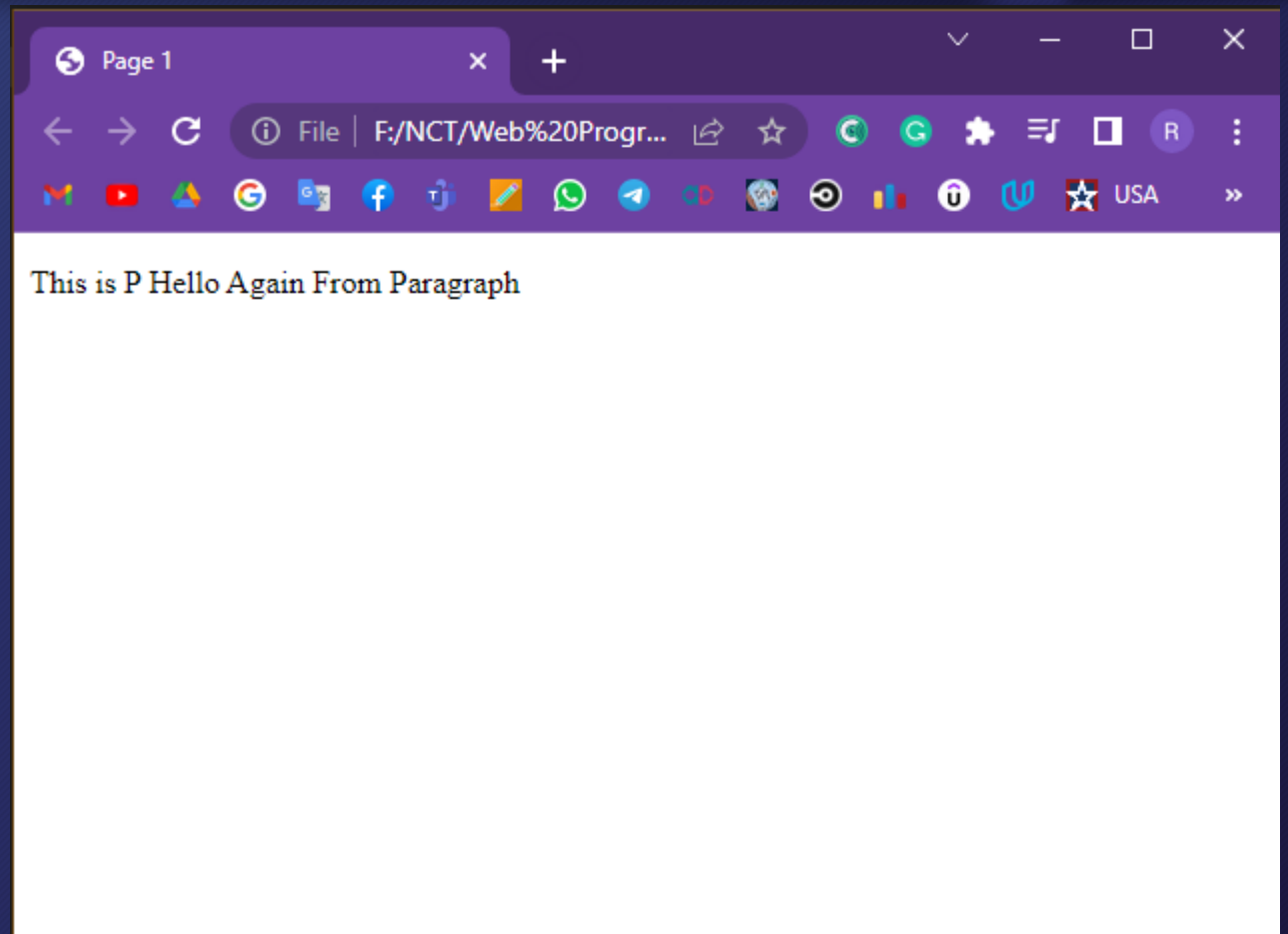
Paragraph

- `<!DOCTYPE html>`
- `<html>`
- `<head>`
- `<title> Page 1 </title>`
- `</head>`
- `<body>`
- `<p>This is a paragraph.</p>`
- `<p>This is another paragraph.</p>`
- `</body>`
- `</html>`



Paragraph

- `<!DOCTYPE html>`
- `<html>`
- `<head>`
- `<title> Page 1 </title>`
- `</head>`
- `<body>`
- `<p>This is P`
- Hello
- Again
- From
- Paragraph `</p>`
- `</body>`
- `</html>`

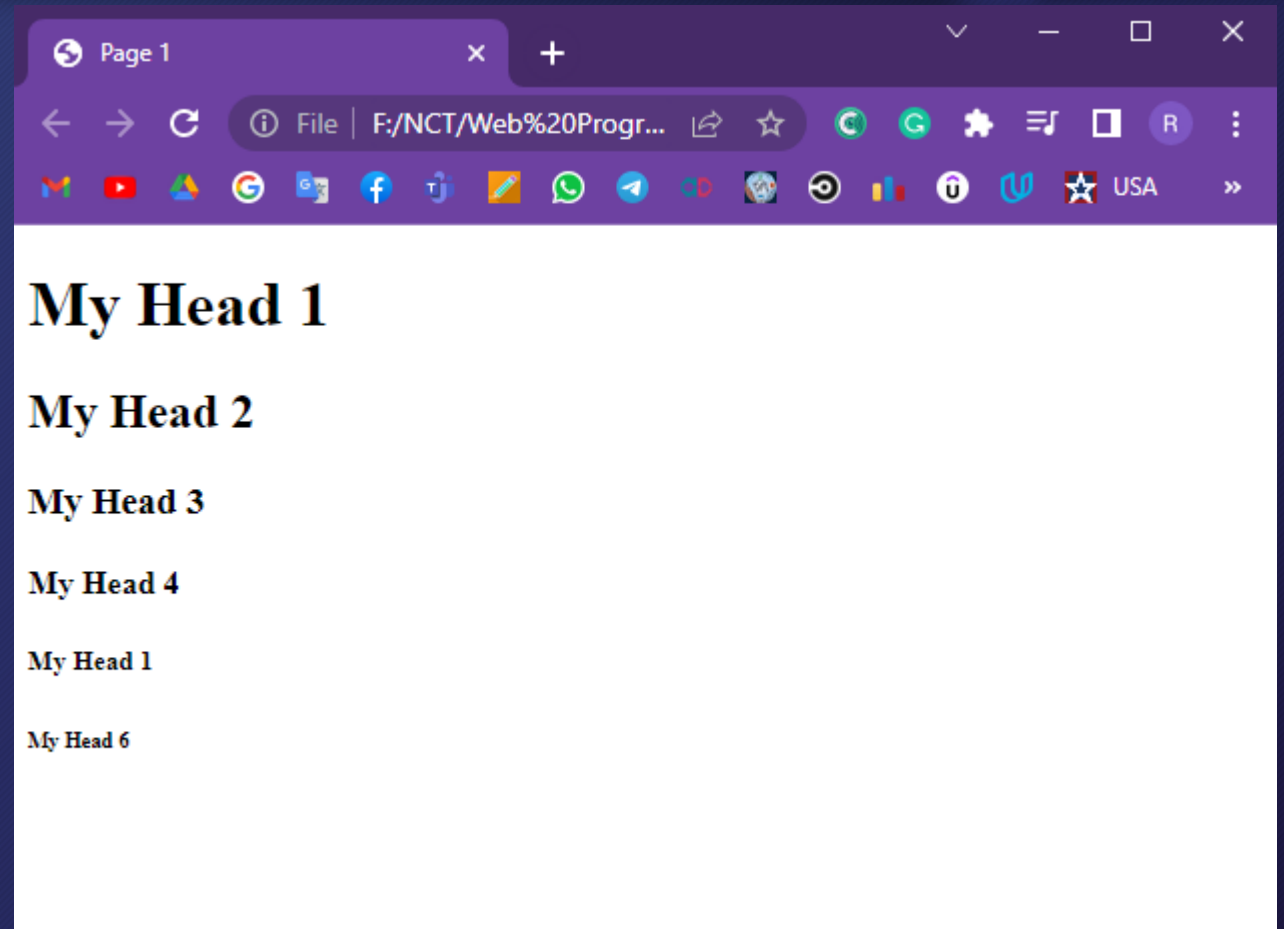


HTML Headings

- HTML headings are defined with the `<h1>` to `<h6>` tags.
- `<h1>` defines the most important heading. `<h6>` defines the least important heading:
- `<h1>This is heading 1</h1>`

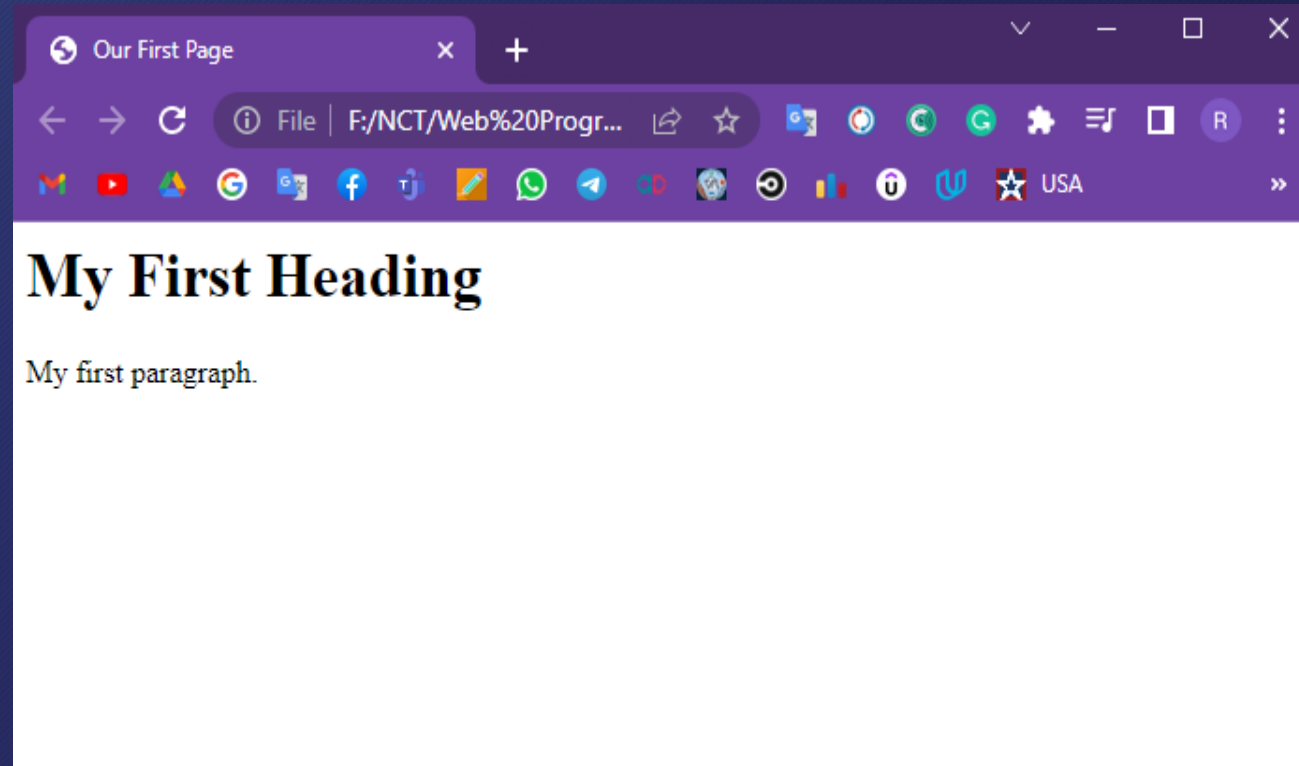
HTML Headings

- `<!DOCTYPE html>`
- `<html>`
- `<head>`
- `<title> Page 1 </title>`
- `</head>`
- `<body>`
- `<h1>My Head 1</h1>`
- `<h2>My Head 2</h2>`
- `<h3>My Head 3</h3>`
- `<h4>My Head 4</h4>`
- `<h5>My Head 1</h5>`
- `<h6>My Head 6</h6>`
- `</body>`
- `</html>`



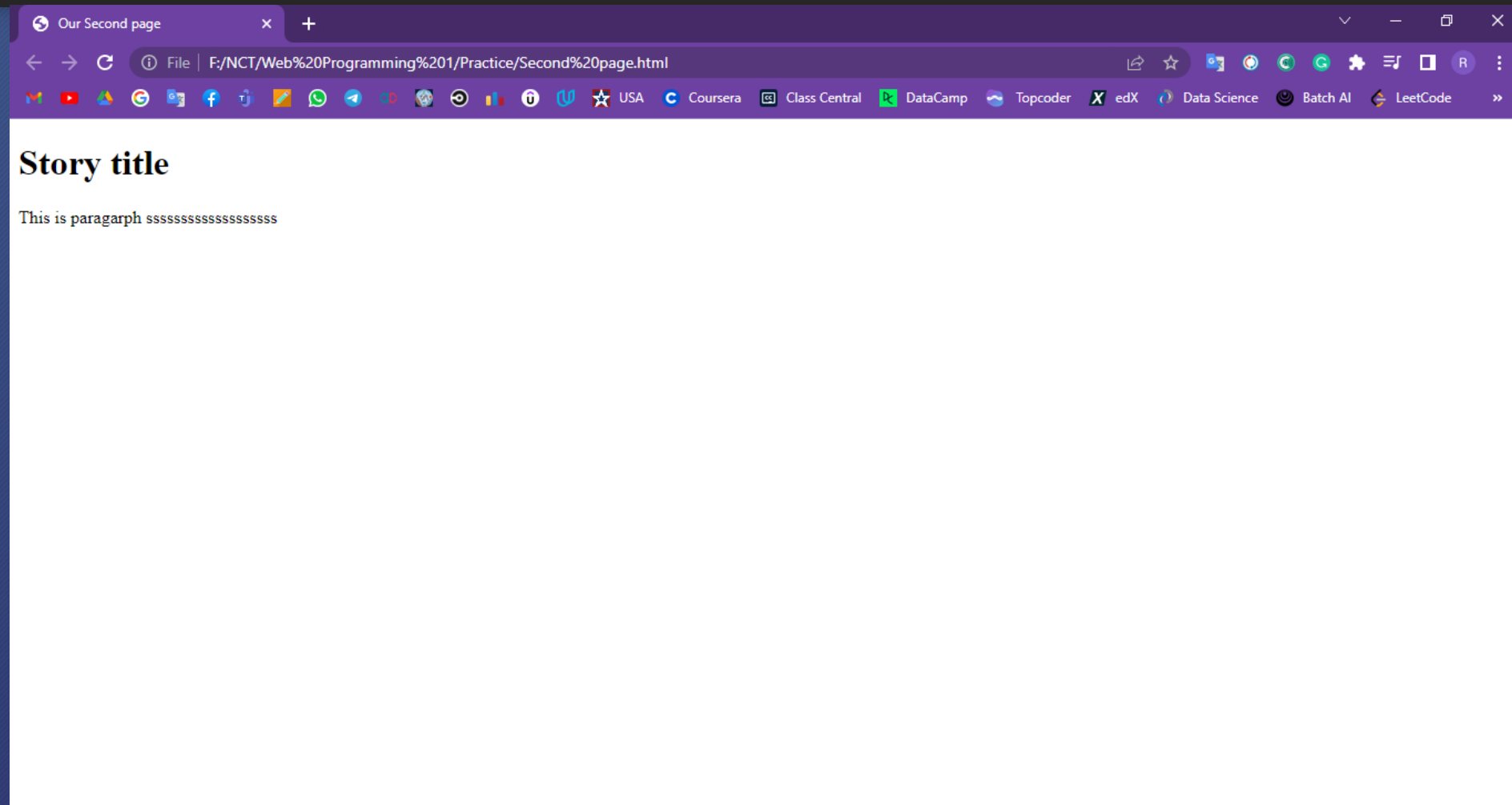
First Page

- `<!DOCTYPE html>`
- `<html>`
- `<head>`
- `<title>Our First Page</title>`
- `</head>`
- `<body>`
- `<h1>My First Heading</h1>`
- `<p>My first paragraph.</p>`
- `</body>`
- `</html>`



Task

Task 1



Task 1

- `<!DOCTYPE html>`
- `<html>`
- `<head>`
- `<title>Our Second page</title>`
- `</head>`
- `<body>`
- `<h1> Story title </h1>`
- `<p>This is paragarph sssssssssssssssssssss</p>`
- `</body>`
- `</html>`

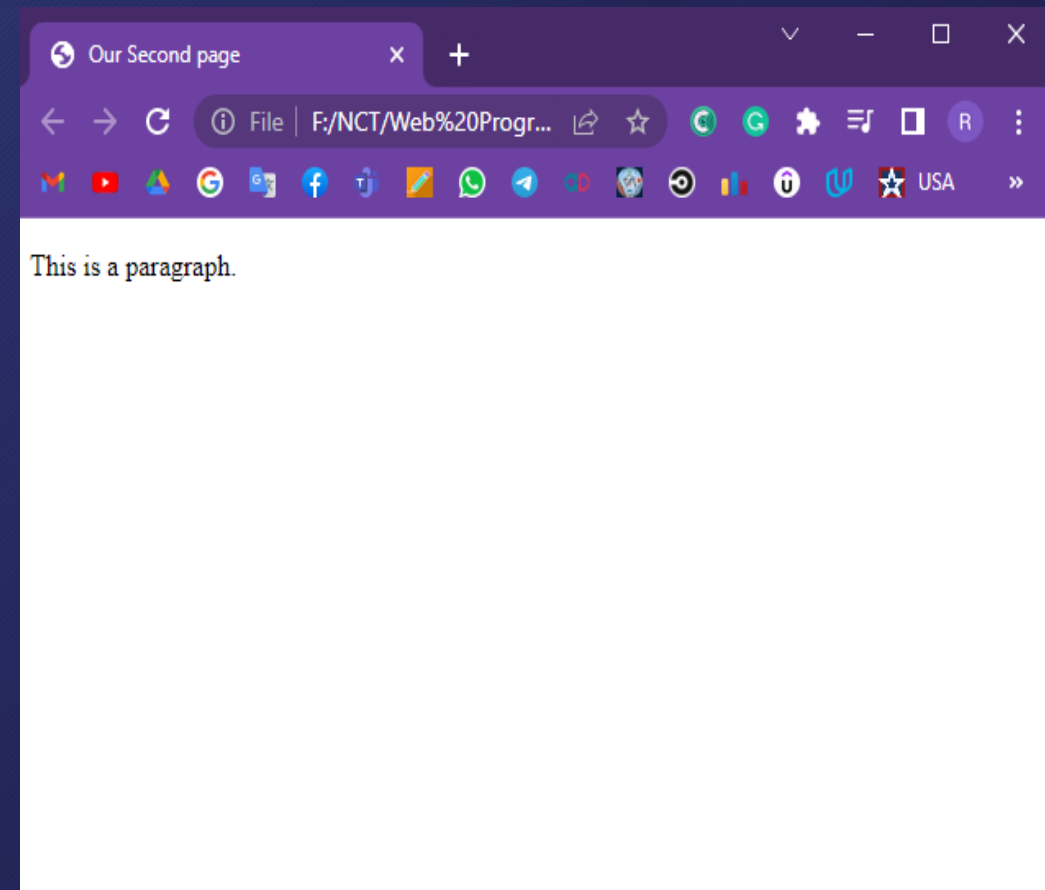
HTML Comments

HTML Comment Tag

- syntax:
- `<!-- Write your comments here -->`
- `<!-- This is a comment -->`

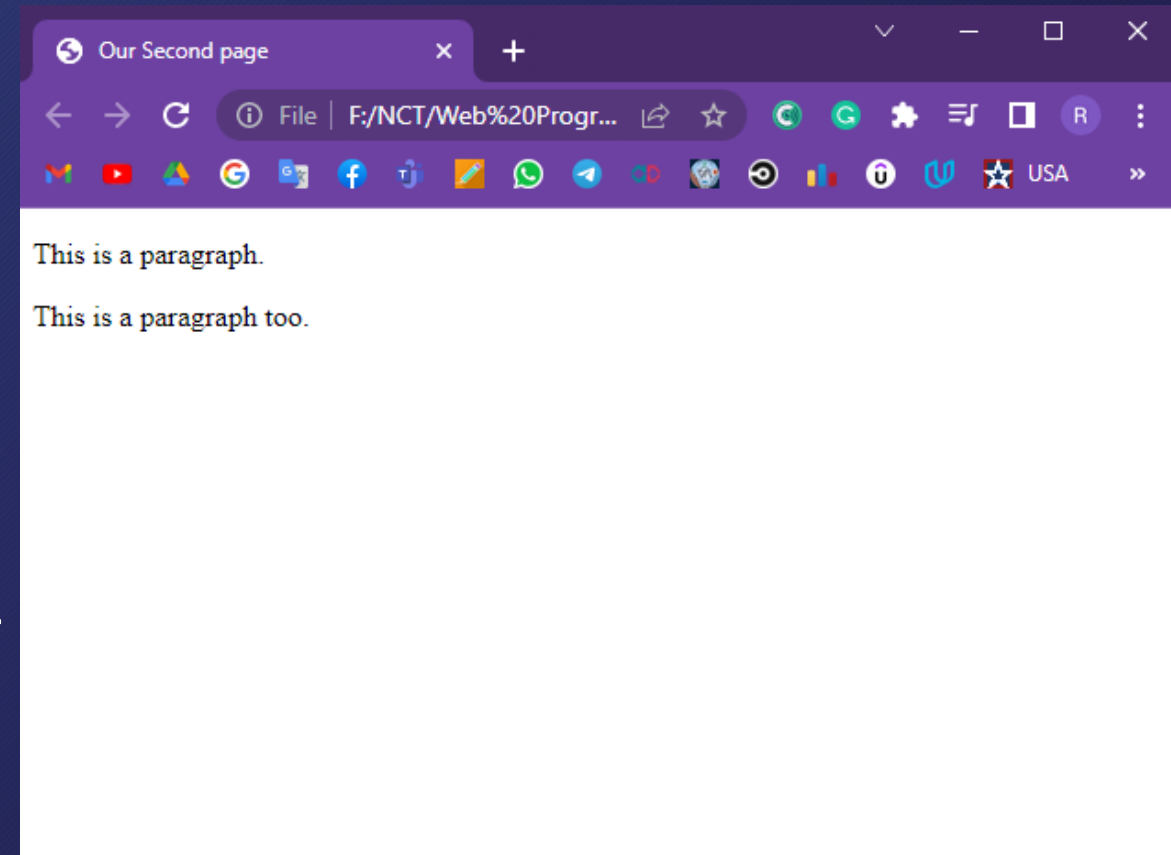
HTML Comment Tag

- `<!DOCTYPE html>`
- `<html>`
- `<head>`
- `<title>Our Second page</title>`
- `</head>`
- `<body>`
- `<!-- This is a comment -->`
- `<p>This is a paragraph.</p>`
- `<!-- Remember to add more information here -->`
- `</body>`
- `</html>`



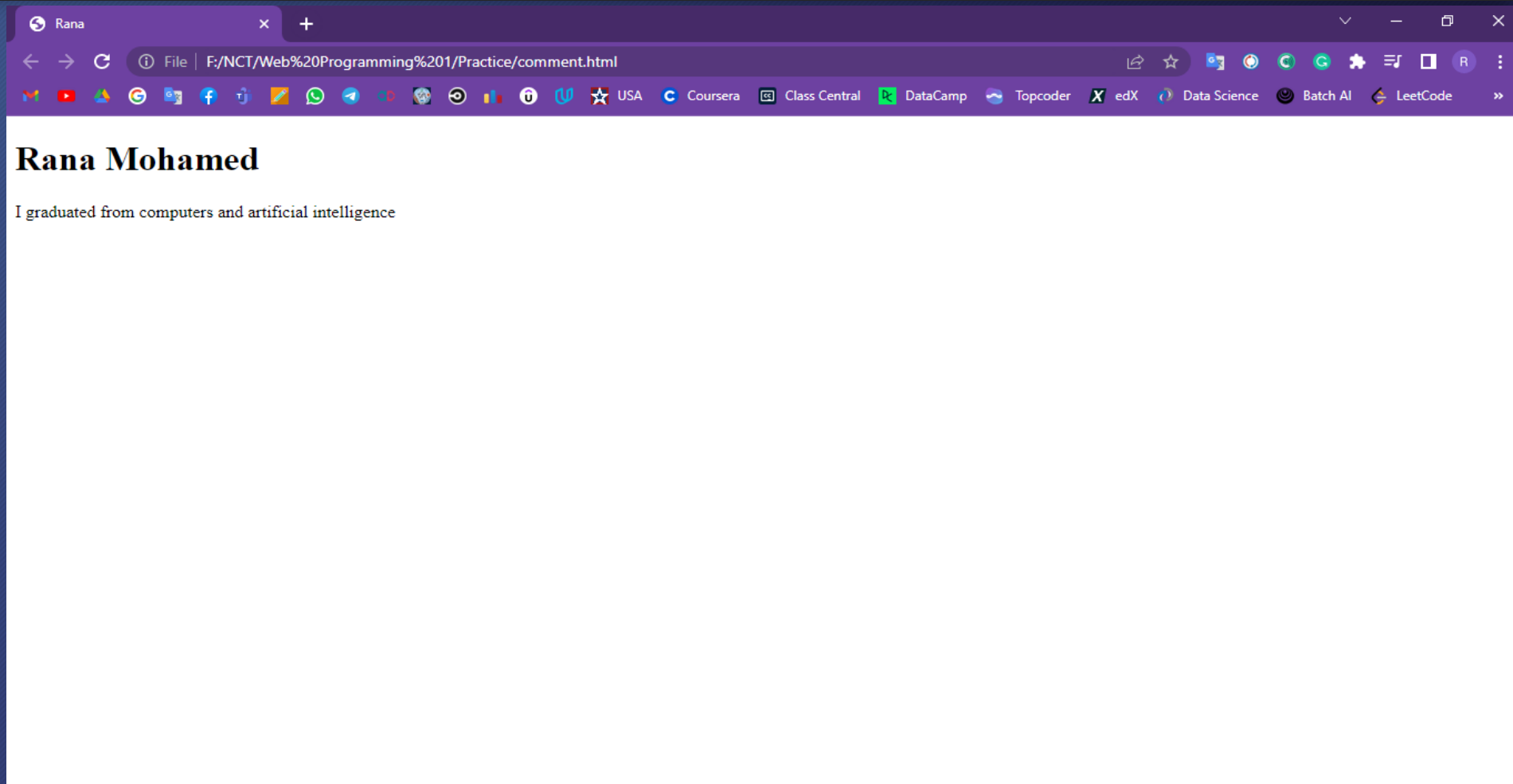
Hide Content

- Comments can be used to hide content.
- `<!DOCTYPE html>`
- `<html>`
- `<head>`
- `<title>Our Second page</title>`
- `</head>`
- `<body>`
- `<p>This is a paragraph.</p>`
- `<!-- <p>This is another paragraph </p> -->`
- `<p>This is a paragraph too.</p>`
- `</body>`
- `</html>`



Task

Task 2



Task 2

- `<!DOCTYPE html>`
- `<html>`
- `<head>`
- `<title>Rana</title>`
- `</head>`
- `<body>`
- `<!--This is My Name-->`
- `<h1>Rana Mohamed</h1>`
- `<!--This is paragraph-->`
- `<p>I graduated from computers and artificial intelligence</p>`
- `</body>`
- `</html>`

Font Tag

Font

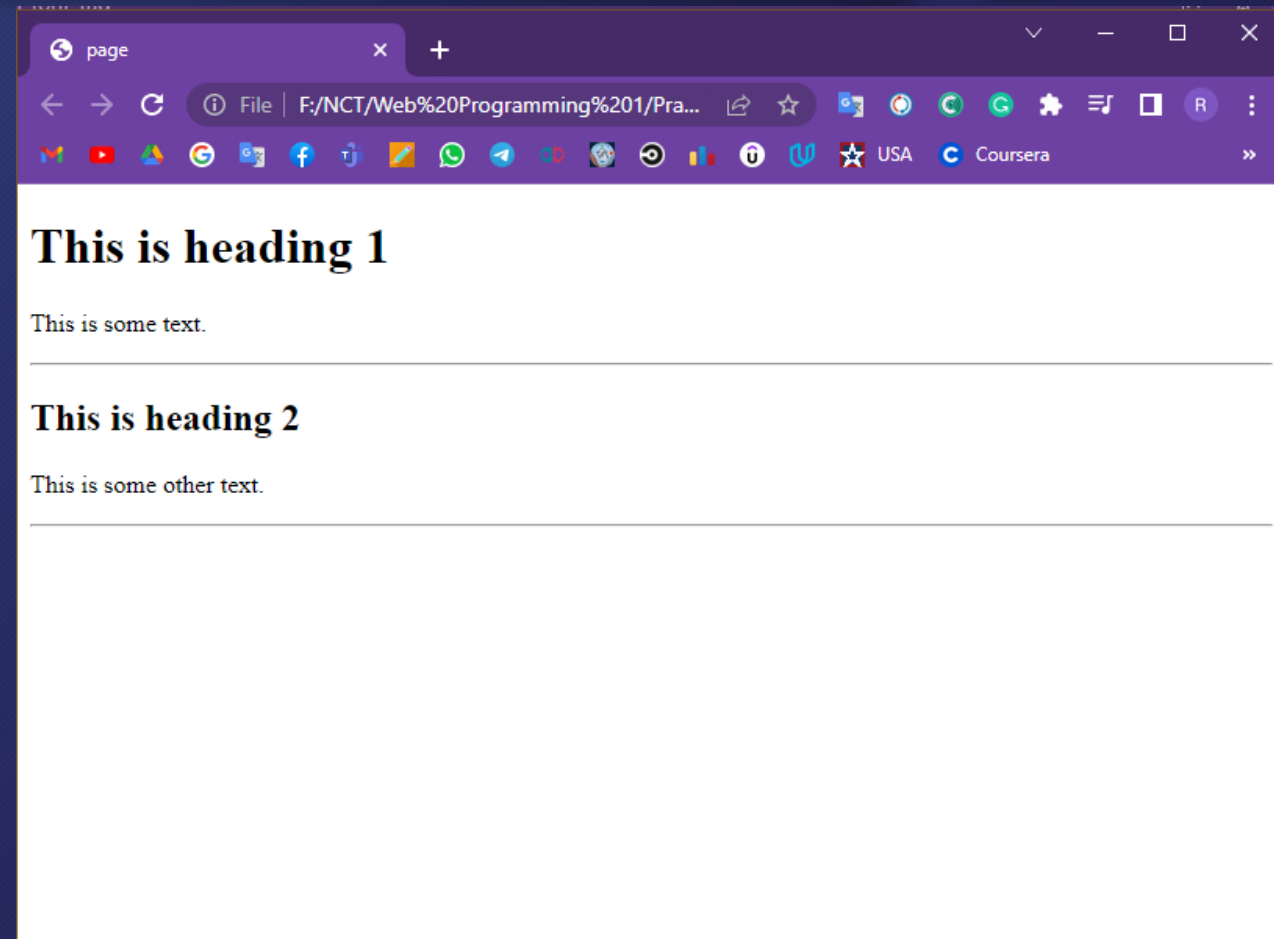
- Font tag has three attributes :
 - Color
 - Face --- > defines types of font
 - Size
- -> called entity

HTML Horizontal Rules

- The `<hr>` tag defines a thematic break in an HTML page, and is most often displayed as a horizontal rule.
- `<hr>`

HTML Horizontal Rules

- `<!DOCTYPE html>`
- `<html>`
- `<head>`
- `<title>page</title>`
- `</head>`
- `<body>`
- `<h1>This is heading 1</h1>`
- `<p>This is some text.</p>`
- `<hr>`
- `<h2>This is heading 2</h2>`
- `<p>This is some other text.</p>`
- `<hr>`
- `</body>`
- `</html>`

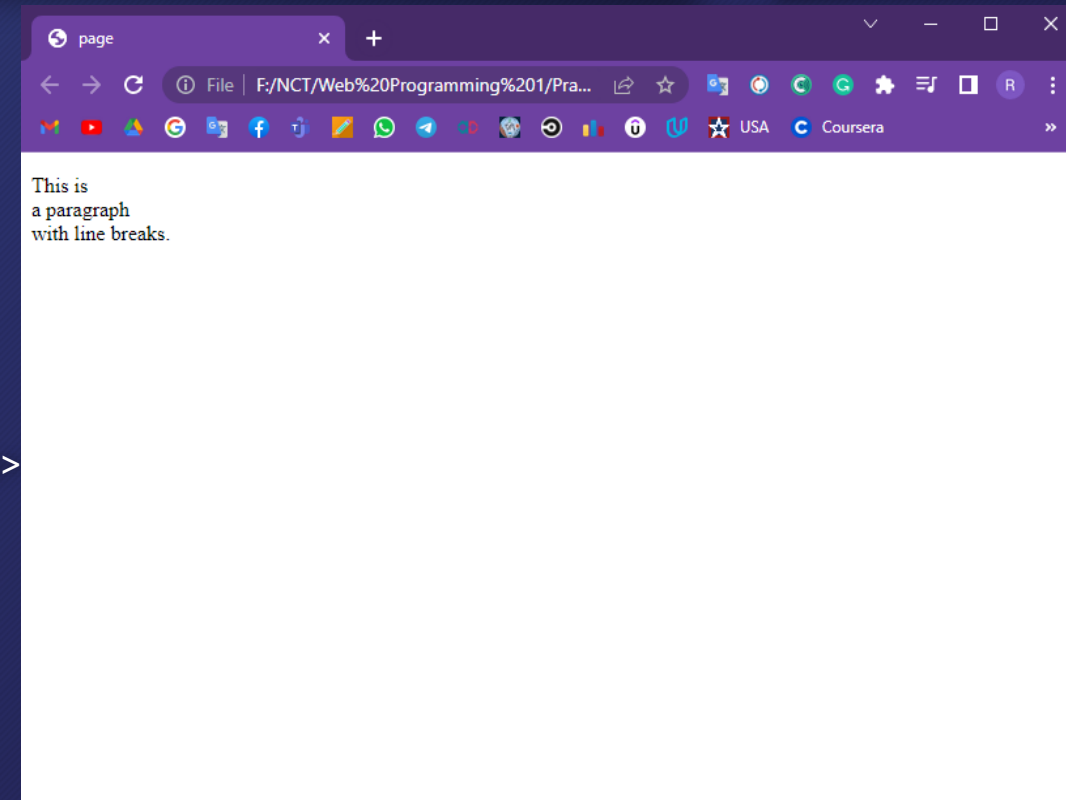


HTML Line Breaks

- The HTML `
` element defines a line break.
- Use `
` if you want a line break (a new line) without starting a new paragraph
- The `
` tag is an empty tag, which means that it has no end tag.

HTML Line Breaks

- `<!DOCTYPE html>`
- `<html>`
- `<head>`
- `<title>page</title>`
- `</head>`
- `<body>`
- `<p>This is
a paragraph
with line breaks.</p>`
- `</body>`
- `</html>`



HTML Formatting Elements

Bold text & Italic text

- The HTML `` element defines bold text, without any extra importance.
- The HTML `<i>` element defines a part of text in an alternate voice or mood. The content inside is typically displayed in italic

Bold text & Italic text

- `<!DOCTYPE html>`
- `<html>`
- `<head>`
- `<title>page</title>`
- `</head>`
- `<body>`
- `This text is bold`
- `
`
- `<i>This text is italic</i>`
- `</body>`
- `</html>`

