

## Module 1: Creating a web page

# Web & Mobile App Development

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# Course Outline

- Creating a web page
  - Learn Javascript Programming
  - Make web page interactive
  - Learn CLI (Command Line Interface)
  - Master in Git (VCS, Version Control System)
  - Improve Programming skills with Typescript
  - Introduction to Modern Web frameworks
  - Build a PWA & Mobile App
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- Learn HTML (Hyper Text Markup Language) to create a structure of web page
  - Learn CSS (Cascading Style Sheet) to style a web page
  - Make web page responsive.
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# What is <html/>

- HTML stands for Hyper Text Markup Language
  - It is uses markup tags to define web page structure blocks by blocks
  - It has sets of wide range of elements for different needs.
  - HTML tags usually come in pairs, opening (<html>) and closing (</html>) tag.
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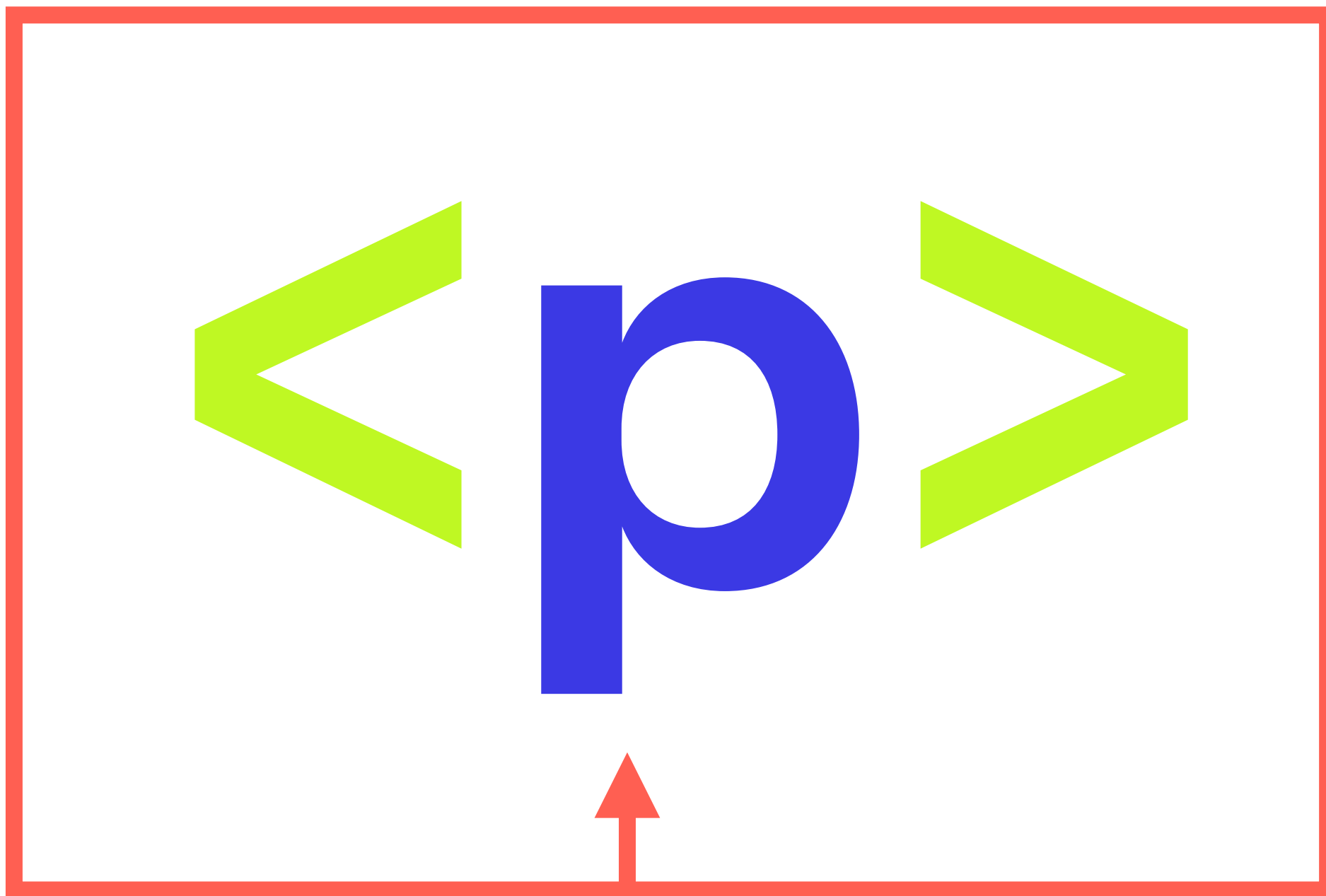




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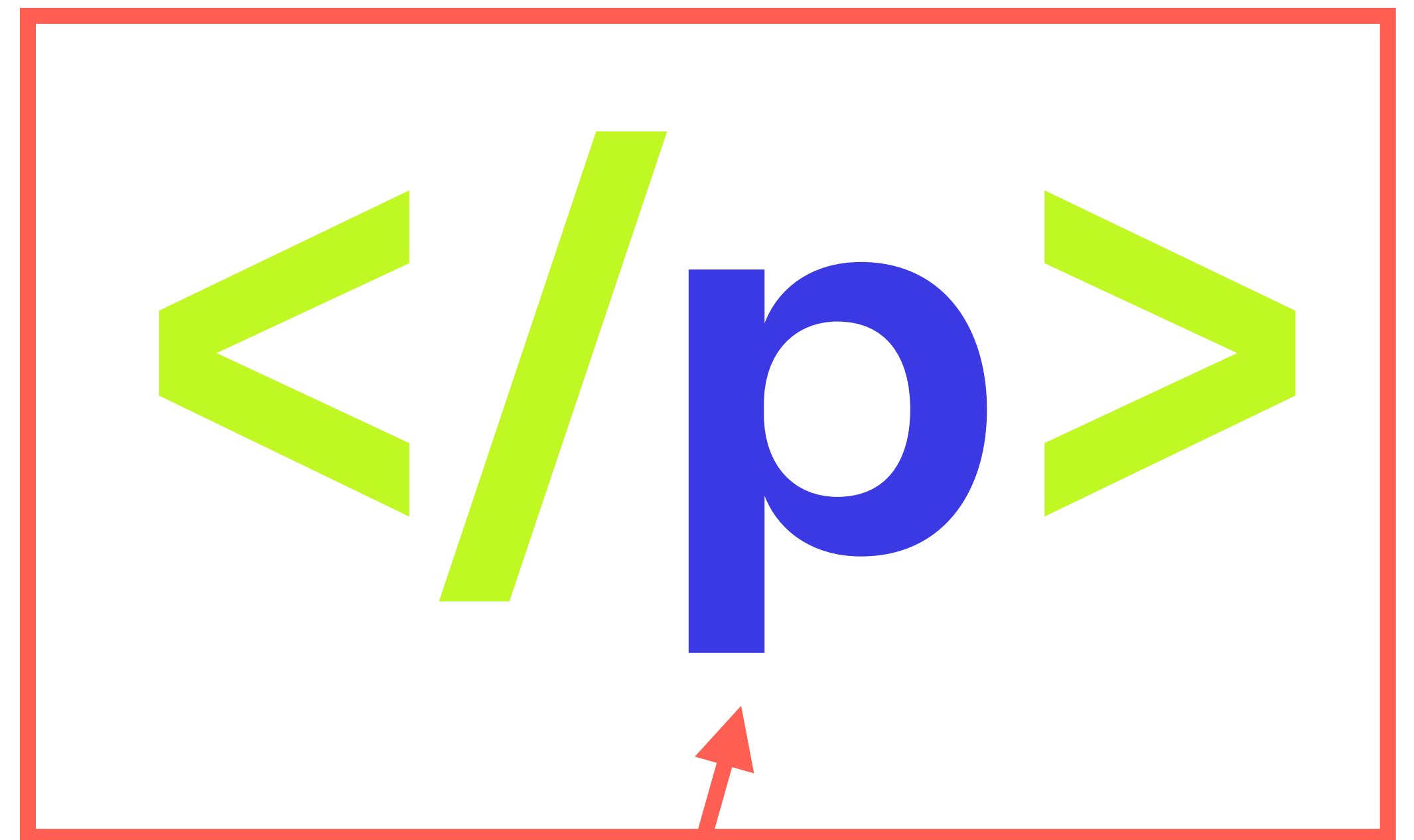
# Create a first HTML Tag

Opening tag



Element name or Tag name

Closing tag



Element name or Tag name

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# Basic HTML

- Basic Structure
- Heading Elements
- Content Elements





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# Basic HTML

- **Basic Structure**

- Heading Elements
- Content Elements

- `<!DOCTYPE html>` - Defining HTML document type
  - `<html>` - HTML document starts with html element
  - `<head>` - Contains the info elements about the document
  - `<title>` - Defines the title of the document
  - `<body>` - Contains the visible part of the document
-

```
1 <!DOCTYPE html>
2 <html>
3   <head>
4     <title>Basic HTML</title>
5   </head>
6   <body></body>
7 </html>
```





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# Basic HTML

- Basic Structure
  - **Heading Elements**
  - Content Elements
- `<h1>` - Heading level one
  - `<h2>` - Heading level two
  - `<h3>` - Heading level three
  - `<h4>` - Heading level four
  - `<h5>` - Heading level five
  - `<h6>` - Heading level six
-



```
1 <!DOCTYPE html>
2 <html>
3   <head>
4     <title>Basic HTML</title>
5   </head>
6   <body>
7     <h1>Heading 1</h1>
8     <h2>Heading 2</h2>
9     <h3>Heading 3</h3>
10    <h4>Heading 4</h4>
11    <h5>Heading 5</h5>
12    <h6>heading 6</h6>
13  </body>
14 </html>
```

🔍

# Heading 1

## Heading 2

### Heading 3

#### Heading 4

##### Heading 5

###### heading 6



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# Basic HTML

- Basic Structure
  - Heading Elements
  - **Content Elements**
- `<p>` - Defines a paragraph
  - `<b>` - Makes the text style bold
  - `<i>` - Makes the text style italic
  - `<u>` - Makes the text style underline
  - `<ins>` - Indicates the text added
  - `<del>` - Indicates the text deleted
  - `<sup>` - Makes the text Superscript
  - `<sub>` - Makes the text Subscript
-



```
1 <body>
2   <h2>Content elements</h2>
3
4   <p>Lorem ipsum, dolor sit amet consectetur
5     adipisicing elit.</p>
6
7   <h3>Font style</h3>
8
9   <p>Apple <b>Banana</b> <i>Coconut</i></p>
10
11  <p><b><i>Lorem,</i> ipsum dolor sit amet
12    consectetur adipisicing elit.</b></p>
13
14  <h3>Insert and delete</h3>
15
16  <p>Apple price: 100 / kg</p>
17
18  <p>Banana price: <del>100</del> <ins>80</ins> /
19    dozen</p>
20
21  <h3>Adding super and sub scripts</h3>
22
23  <p>Water is made of H<sub>2</sub>O</p>
24
25  <p>10<sup>2</sup>, 2 is the power of 10</p>
26</body>
```

## Content elements

Lorem ipsum, dolor sit amet consectetur adipisicing elit.

### Font style

Apple **Banana** *Coconut*

***Lorem,*** ipsum dolor sit amet consectetur adipisicing elit.

### Insert and delete

Apple price: 100 / kg

Banana price: ~~100~~ 80 / dozen

### Adding super and sub scripts

Water is made of H<sub>2</sub>O

10<sup>2</sup>, 2 is the power of 10



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**The End.**



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