

**NXT
WAVE**

WELCOME





CCBP 4.0
21st Century Skills

Introduction to HTML

Recap

Software Development Fundamentals An Introduction



Browser & URL - Must to open any website



Syntax - Rules of the Language

- o A small part of programming



Bug & Debugging - Making your code work

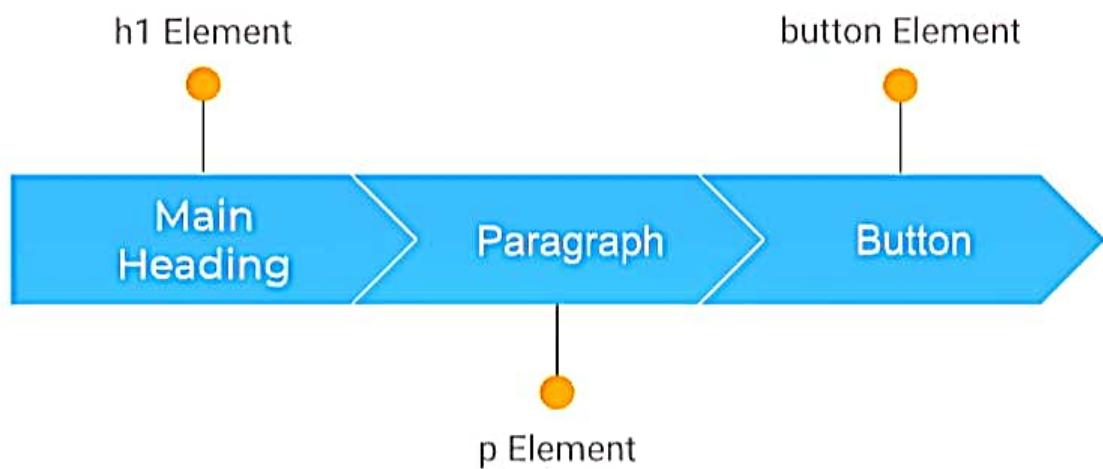
- o One of the important parts of programming



Tweaking Code - Getting insights into code

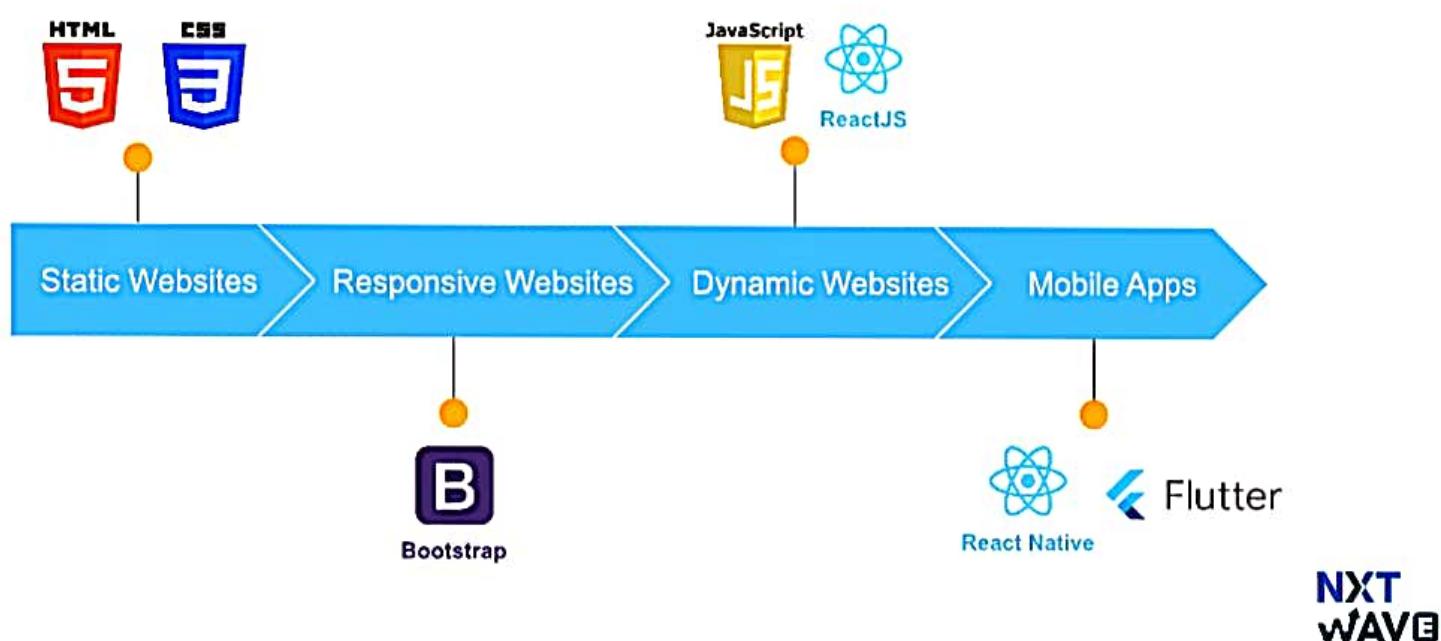
Agenda

HTML Syntax - Introduction



Frontend

Journey



Example - Static Website

Tourism

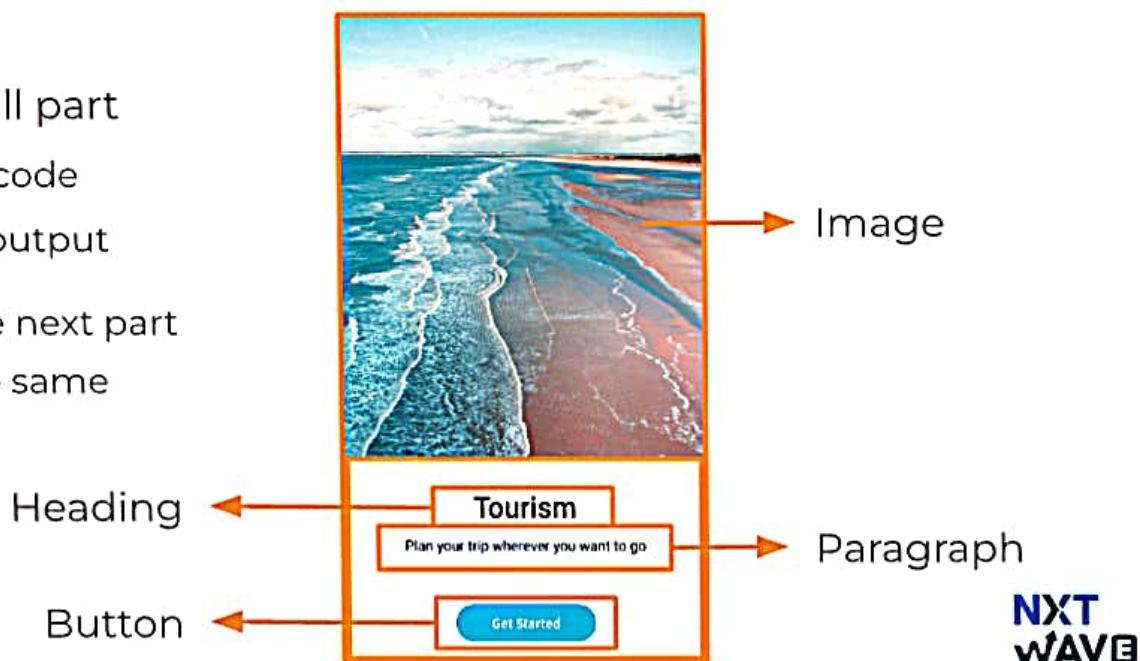
The screenshot displays a tourism website with the following layout:

- Header:** A large, scenic image of a beach with waves crashing onto the shore.
- Section 1 (Left):** A white box containing the word "Tourism" in bold and the tagline "Plan your trip wherever you want to go". Below this is a blue "Get Started" button.
- Section 2 (Middle):** A title "Favourite places" above four cards, each featuring a thumbnail image and a title with a brief description.
 - Forbidden City:** It is the imperial Palace, Beijing. Editor's Pick The Terracotta Army. The Summer Palace cruising.
 - Rock Island:** It is the imperial Palace, Beijing. Editor's Pick The Terracotta Army. The Summer Palace cruising.
 - Eiffel Tower:** It is the imperial Palace, Beijing. Editor's Pick The Terracotta Army. The Summer Palace cruising.
 - Maschio:** (Thumbnail image shown)
- Section 3 (Right):** A title "Detailed View" above a card for the "Forbidden City" in China. The card includes a larger image of the building, the location name, a detailed description, and a "View More" button.

Fundamental in Programming

Breaking down into small parts

- Pick one small part
 - Write the code
 - Test your output
- Then, go to the next part and repeat the same



Compatibility

< 1% of you may face an issue

If you are facing any issues
to view or access the features
provided during the session,
kindly check your **device** and
software compatibility

Be up to date with software versions



Google Chrome (Recommended)



Code Playground

Desktop Preview

The screenshot shows a web-based code editor interface for 'NXT WAVE'. On the left, there's a dark-themed code editor window with tabs for HTML, CSS, and JavaScript. The HTML tab contains the following code:

```
1 <!DOCTYPE html>
2 <html lang="en">
3   <head>
4     <meta charset="UTF-8">
5     <meta name="viewport" content="width=device-width, initial-scale=1.0">
6     <meta http-equiv="X-UA-Compatible" content="ie=edge">
7     <title>Hello World!</title>
8   </head>
9   <body>
10    <h1>Hello World!</h1>
11  </body>
12 </html>
```

To the right of the code editor is a preview window titled 'Hello World!'. The preview shows a simple white page with a large 'Hello World!' heading centered. At the top of the preview window, there are navigation links for 'Home' and 'Surya', and a circular profile icon with the letters 'SU'.

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Code Playground Mobile Preview

Your Schedule
Tue, 4 May 2021

BACKEND DEVELOPER

Introduction to Databases

- Introduction (0/4)
 - Introduction to Databases Part - 1
 - LEARNING 8 25 Mins
 - Introduction to Databases Part - 2
 - LEARNING 8 25 Mins
 - Introduction to Databases Cheat Sheet
 - LEARNING 8 10 Mins

Home My IDP All Tracks Playground

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Code Output Inspect

HTML CSS JAVASCRIPT

```
<!DOCTYPE html>
<html>
<head> </head>
<body>
Your code goes here
</body>
</html>
```

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Code Playground

Mobile Preview

The image shows a mobile application interface for 'NXT WAVE'. At the top, there's a header with the 'NXT WAVE' logo. Below the header, there are two tabs: 'Code' (which is selected) and 'Output'. Underneath these tabs are four small icons: a gear, a play button, a refresh/circular arrow, and an inspect tool. The main area is divided into two sections: 'HTML' (selected), 'CSS', and 'JAVASCRIPT'. The 'HTML' section contains the following code:

```
1 <!DOCTYPE html>
2 <html>
3   <head> </head>
4   <body>
5     <h1>Hello World!</h1>
6   </body>
7 </html>
8
```

The 'Output' section displays the rendered HTML as 'Hello World!'.

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Syntax

HTML Basic Structure

HTML

```
<!DOCTYPE html>
<html>
  <head></head>
  <body>
    Your code goes here
  </body>
</html>
```

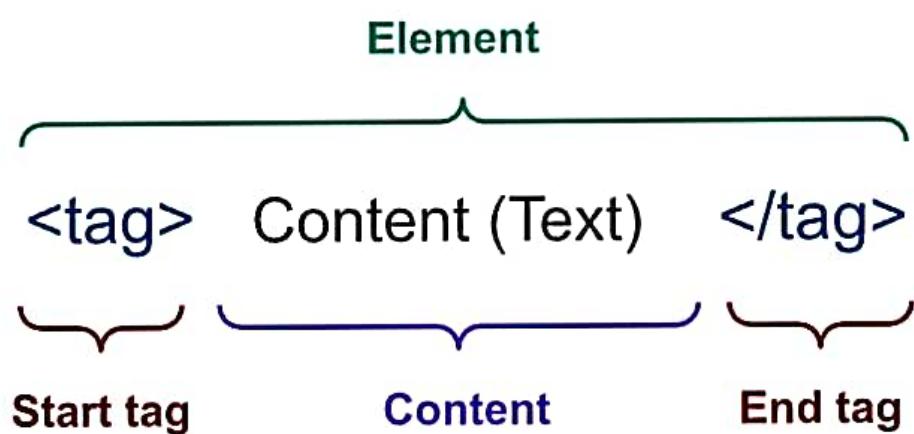
NXT
WAVB

How to add Heading in HTML



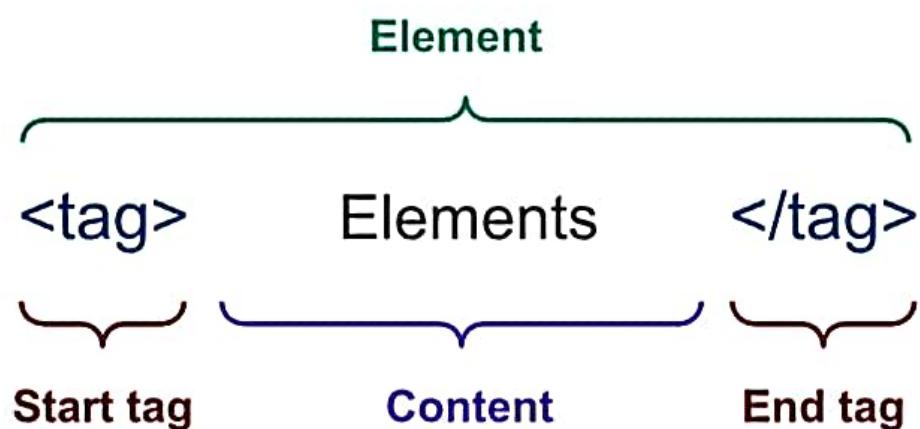
Syntax

HTML Element



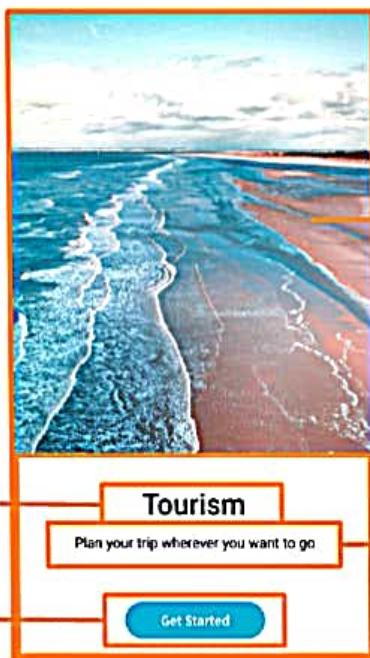
Syntax

HTML Element



HTML Element

Main Heading



Image

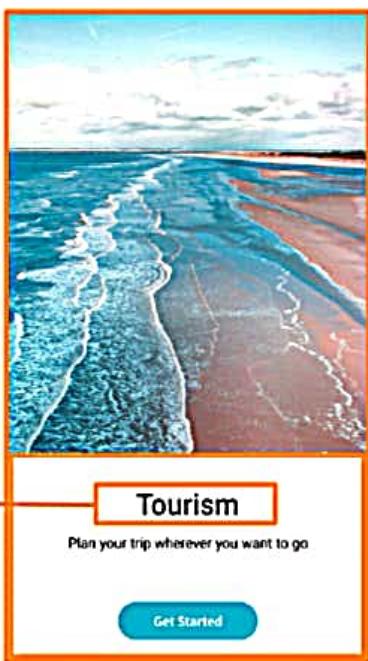
Main Heading

Paragraph

Button

HTML Element

Main Heading

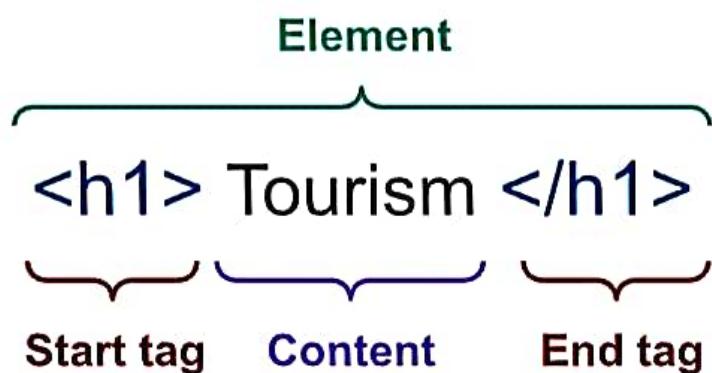


Main Heading

NXT
WAVE

HTML Element

Main Heading



HTML Element

Adding Main Heading

HTML

```
<body>
  <h1>Tourism</h1>
</body>
```

Tourism

Fill the blank with appropriate syntax

<h1>Tourism<__>

- A: |h1
- B: h1
- C: //h1
- D: /h1



How to add Paragraph in HTML



HTML Element

Paragraph



HTML Element

Adding Paragraph To The Previous Code

HTML

```
<body>
  <h1>Tourism</h1>
  <p>
    Plan your trip wherever
    you want to go
  </p>
</body>
```

Tourism

Plan your trip wherever you want to go

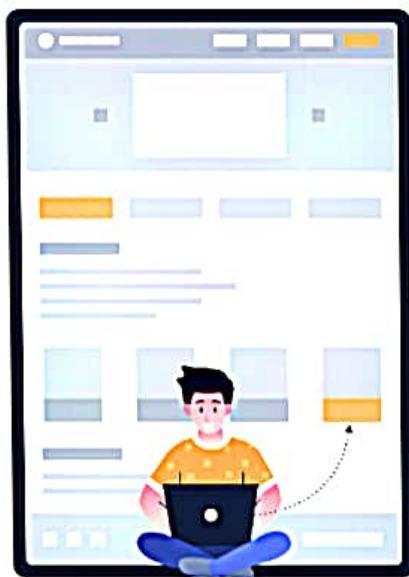
Which of the following is the paragraph element?

- A. <paragraph>You progress the nation follows</paragraph>
- B. <p>You progress the nation follows</p>
- C. <p1>You progress the nation follows</p1>
- D. <para>You progress the nation follows</para>



HTML Element
Button

Let's Add
A Button



HTML Element
Button

Element

```
<button> Get Started </button>
```

Start tag Button text End tag

HTML Element

Adding Button

HTML

```
<body>
  <h1> Tourism </h1>
  <p>
    Plan your trip wherever
    you want to go
  </p>
  <button> Get Started </button>
</body>
```

Tourism

Plan your trip wherever you want to go

Get Started

Introduction to HTML

Key Takeaways

- ✓ HTML Syntax
- ✓ HTML Basic Structure
- ✓ HTML Elements
 - Heading
 - Paragraph
 - Button



Next Session

Introduction to CSS



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THANK YOU
