

# Web Developer

## HTML Basics

2021



# HTML Editor



## Visual Studio Code

<https://code.visualstudio.com/>

## Important Extensions

<https://marketplace.visualstudio.com/VSCode>

- HTML Play
- HTML Preview
- JS-CSS-HTML Formatter
- Debugger for Chrome
- Code Runner

# HTML Basics

## Simple HTML Document

```
<!DOCTYPE html>
```

```
<html>
```

```
<head>
```

```
<title>Page Title</title>
```

```
</head>
```

```
<body>
```

```
<h1>This is a Heading</h1>
```

```
<p>This is a paragraph</p>
```

```
</body>
```

```
</html>
```

# HTML Basics

## Simple HTML Document

- The `<!DOCTYPE html>` declaration defines that this document is an HTML5 document
- The `<html>` element is the root element of an HTML page
- The `<head>` element contains meta information about the HTML page
- The `<title>` element specifies a title for the HTML page (which is shown in the browser's title bar or in the page's tab)
- The `<body>` element defines the document's body, and is a container for all the visible contents, such as headings, paragraphs, images, hyperlinks, tables, lists, etc.
- The `<h1>` element defines a large heading
- The `<p>` element defines a paragraph

# HTML Basics

## HTML Headings

```
<!DOCTYPE html>  
<html>  
<body>
```

```
<h1>This is heading 1</h1>  
<h2>This is heading 2</h2>  
<h3>This is heading 3</h3>  
<h4>This is heading 4</h4>  
<h5>This is heading 5</h5>  
<h6>This is heading 6</h6>
```

```
</body>  
</html>
```



# HTML Basics

## HTML Paragraphs

```
<!DOCTYPE html>
```

```
<html>
```

```
<body>
```

```
<p>This is a paragraph.</p>
```

```
<p>This is another paragraph.</p>
```

```
</body>
```

```
</html>
```

# HTML Basics

## HTML Links

```
<!DOCTYPE html>
```

```
<html>
```

```
<body>
```

```
<h2>HTML Links</h2>
```

```
<p>HTML links are defined with the a tag:</p>
```

```
<a href="https://code.visualstudio.com/">This is a link</a>
```

```
</body>
```

```
</html>
```

# HTML Basics

## HTML Images

```
<!DOCTYPE html>
```

```
<html>
```

```
<body>
```

```
<h2>HTML Images</h2>
```

```
<p>HTML images are defined with the img tag:</p>
```

```

```

```
</body>
```

```
</html>
```



# HTML Basics

## HTML Elements (Empty and Nested)

```
<!DOCTYPE html>
```

```
<html>
```

```
<body>
```

```
<p>This is a <br> paragraph with a line break.</p>
```

```
</body>
```

```
</html>
```

