PW SKILLS

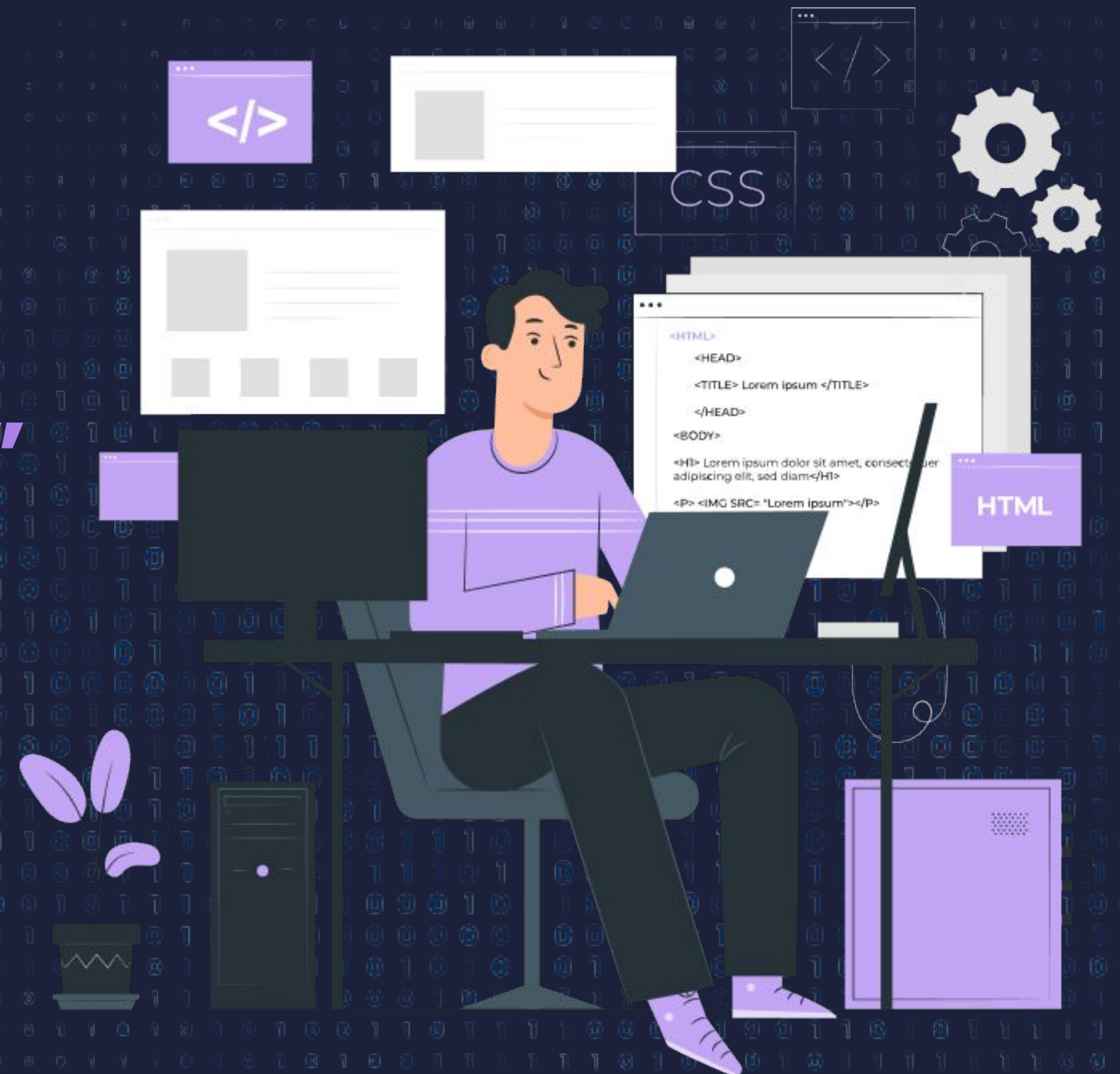# Writing a "Hello World" program in HTML and HTML Comments

Topics Covered

- Introduction to HTML

- Basic Structure of HTML Doc

- Comments in HTML

Introduction to HTML

- Hyper Text **Markup Language**

  1. **Hypertext –** Word Hypertext comes from hyperlinks, which means to connect web pages via links.

  2. **Markup –** To define and present text content.

  3. **Language –** Language gives rules and syntax to follow while writing any code.

- Used to Develop **Web Page Structure**

Basic Structure of HTML Doc

Let's create our First HTML Doc - **"Hello World"**

Step 1 : Create a new file **index.html**

Step 2 : Write following content in **index.html**.

```html
<!DOCTYPE html>
<html lang="en-US">
  <head>
    <meta charset="utf-8" />
    <title> Hello, World!</title>
  </head>
  <body>
    <h1>Hello, World!</h1>
    <p>This is my first HTML page.</p>
  </body>
</html>
```

Step 3 : Open **index.html** in any Browser

Hello, World!

This is my first HTML page.

Doctype Declaration

```
<!DOCTYPE html>
```

Tells that document is written in **HTML5**

`<html>`

```html
<html lang="en-US">
</html>
```

Root of the HTML Document

‹head›

```html
<head>
    <!-- meta information about page -->
</head>
```

It contains **Meta Information** of HTML Document.

‹meta›

```
<meta charset="utf-8" />
```

Specifies the **character encoding** for a webpage.

Character encoding refers to the process of representing characters in such a way that computers can understand.

Similarly, we have other meta tags that we will cover in later lessons.

‹title›

```
<title> Hello, World!</title>
```

Sets the **Title of the web page**. In this example, it's set to "Hello, World!".

‹body›

```
<body>
    <h1>Hello, World!</h1>
    <p>This is my first HTML page.</p>
</body>
```

It contains **Visible Content** of the Web Page.

Comments in HTML

Comments **Explains your Code Better**

`<!-- Here you can your write comments. -->`

Comments Example

```html
<!-- Hello Word Page -->

<!DOCTYPE html>
<html lang="en-US">

<!-- Head contain meta-information about the document -->
  <head>
    <meta charset="utf-8" />
    <title> Hello, World!</title>
  </head>

<!-- Body contains visible content of the document -->
  <body>
    <!-- Page Heading -->
    <h1>Hello, World!</h1>

    <!-- Simple Paragraph -->
    <p>This is my first HTML page.</p>
  </body>
</html>
```