PW SKILLS

Introduction to HTML entities
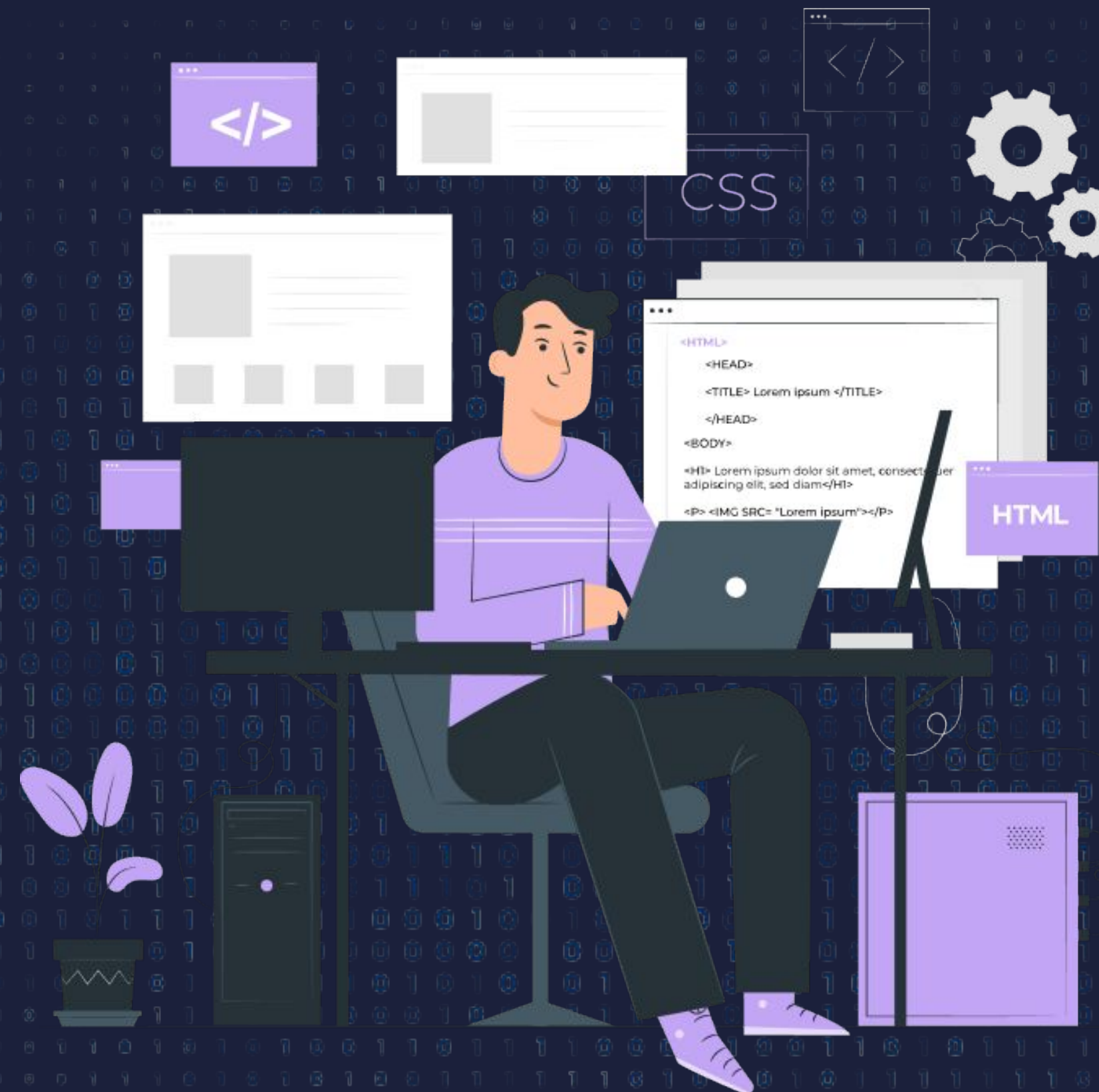
Topics

What are HTML Entities

The HTML Entities are strings of text that start with an ampersand symbol (&) and end with a semicolon (;).

These entities are commonly utilized to demonstrate characters that are reserved and imperceptible characters such as non-breaking spaces.

Format of HTML Entities

&code;

Where code may be a

- Decimal form like **&#203**
- A hex form like **&#x00CB**, or stripped off leading zeros, simply **&xCB**
- A named value if available, such as **&pound**

```
<p>Numeric entity decimal: &#163</p>
<p>Numeric entity hex: &#x00A3</p>
<p>Named entity : &pound;</p>
```

```
Numeric entity decimal: £

Numeric entity hex: £

Named entity : £
```

Why use HTML Entities

- Displaying special characters

- Avoiding conflicts with HTML syntax

- Supporting different character sets

- Improving accessibility

Why use HTML Entities

Named Entity	HTML5 Alias	Numbered Entity	Description	Intended Rendering
&	&	&	Ampersand	&
©	©	©	Copyright	©
>	>	>	Greater than	>
<	<	<	Less than	<
"	"	"	Double quotes	"
®	®	®	Registration mark	®
™	™	™	Trademark symbol	™