Project Documentation: IntroToComputing-Challenges

Challenge #7: Block, Inline, Class, and Id

Objective: Apply the concepts of Block, Inline, Class, and Id in the project.

GitHub Repository:

Code Overview

Block Elements

Example:

html

```
<!-- Block Element in About Section -->
<section class="about" id="about">
    <h1 class="heading"><span> about </span> us </h1>
    <!-- ... (Other block-level elements) -->
</section>
```

Inline Elements

Example:

html

```
<!-- Inline Element in Navigation -->
<nav class="navbar">
    <a href="#home">Home</a>
    <a href="#about">About</a>
    <!-- ... (Other inline-level elements) -->
</nav>
```

Class

Example:

```
<!-- Class in Product Box -->
<div class="box">
    <!-- ... (Content for Product Box) -->
</div>
```

Id

Example:

```
<!-- Id in Contact Form -->
<section class="contact" id="contact">
    <!-- ... (Form inputs and other elements) -->
</section>
```

Implementation Details

1. Block Elements:
   - Used in structural sections such as section, header, footer.
   - Examples include <section>, <header>, <footer>.
2. Inline Elements:
   - Used for inline content within text or within a line.
   - Examples include <a>, <span>, <strong>.
3. Class:
   - Used to style multiple elements with the same characteristics.
   - Examples include styling for product boxes, icons, and review boxes.
4. Id:
   - Used for uniquely identifying a specific element.
   - Examples include using an id for the contact form for targeted styling or scripting.

Code Samples

Block Element (About Section)

```
<section class="about" id="about">
    <h1 class="heading"><span> about </span> us </h1>
    <!-- ... (Other block-level elements) -->
</section>
```

Inline Element (Navigation)

```html
<nav class="navbar">

    <a href="#home">Home</a>

    <a href="#about">About</a>

    <!-- ... (Other inline-level elements) -->

</nav>
```

Class (Product Box)

```html
<div class="box">

    <!-- ... (Content for Product Box) -->

</div>
```

Id (Contact Form)

```html
<section class="contact" id="contact">

    <!-- ... (Form inputs and other elements) -->

</section>
```

Conclusion

This documentation highlights the application of Block, Inline, Class, and Id elements in the project. The provided code samples demonstrate how these elements are used in various sections for styling and structure.

Commit Title: "Challenge #7: Block, Inline, Class, and Id"