Restaurant Website Project - HTML & CSS Explanation

The Structure (HTML)

I built all the pages using HTML to create the foundation of the restaurant website:

**Main Pages I Created:**

* **Homepage** with a welcome banner and restaurant info
* **Menu page** showing all the food categories
* **Order page** where customers can select items
* **Kitchen display page** (just for staff)

**Key HTML Elements I Used:**

* Made a navigation bar at the top that works on phones too
* Created food cards with images, descriptions and prices
* Built forms for the ordering system
* Used semantic tags like <header>, <section>, and <footer>
* Added tables to organize the kitchen orders neatly
* **Layout & Organization:**
* Used Flexbox to arrange the menu items in neat rows
* Created a grid system for the food categories
* Made sure everything resized properly for mobile phones
* Added a sticky header that stays visible when scrolling

**Visual Styling:**

* Chose a color scheme that matches restaurant vibes (warm tones)
* Added hover effects on buttons and menu items
* Created animations for when new orders arrive in the kitchen
* Styled the order cart to stand out on the page

**Special Features I Designed:**

* A "notification badge" that shows how many items are in the cart
* Different colored status labels in the kitchen view
* A responsive design that works on any screen size
* Visual feedback when buttons are clicked

What I Learned About Design

* How important whitespace is for making things readable
* Why consistent spacing creates a professional look
* How color choices affect user experience
* That small details (like button shadows) make a big difference

Proudest Design Achievements

1. **The Menu Cards**:
   * Created beautiful food cards with subtle hover effects
   * Added smooth transitions when filtering categories
2. **Kitchen Interface**:
   * Designed a clear visual system for order status
   * Made important information stand out immediately
3. **Mobile Adaptation**:
   * Successfully made everything work on small screens
   * Simplified the layout for phone users