**Day 1 of #xxDaysOfHTML**

✅ Completed a significant section of the **Responsive Web Design Certification**.

* Learned how to use CSS grid and flexbox to build responsive layouts.
* Practiced creating navigation bars, responsive images, and scalable typography.  
  💡 **Key takeaway**: A strong foundation in responsive design ensures usability across various devices.

Progress on Responsive Web Design

1. **Cashier Register**:

* Developed a form to insert product specification such as price and quantity.
* Started preparing scripts for anything regarding subtotal, tax, and the amount that was due. price and quantity.
* Began scripting calculations for subtotal, tax, and total amount due.

1. **Pokémon Search App**:

* Integrated Pokémon API to fetch data dynamically based on user input.
* Designed a clean and interactive UI to display Pokémon details like type, stats, and images

1. **Telephone Number Validator**:

* Created regex patterns to validate various phone number formats.
* Implemented live validation with error messages for incorrect formats.

1. **Palindrome Checker**:

* Developed a function to detect palindromes, ignoring spaces, punctuation, and capitalization.
* Styled the interface to display real-time results based on user input.

1. **Roman Numeral Converter**:

* Wrote a function to convert numbers to Roman numerals.
* Designed an input field and dynamic result display for user-friendly interaction.

💡 **Overall Key Takeaway**: Blending responsive design principles with JavaScript functionality leads to dynamic and user-centered applications.