

# Module 1 - Front-End Web Development

## HTML/CSS Exercise

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### Overview

Learn to create and style product cards using flexbox/grid while implementing various CSS selectors and pseudo-classes.

### Instructions:

**1. Create two files:**

- products.html
- style.css

**2. HTML Requirements:**

Create a product showcase page with:

- Header section with title
- Main section containing 6 product cards
- Each card should include:
  - Product image (use placeholder images)
  - Product name
  - Price
  - "Add to Cart" button

**3. CSS Requirements:**

- Layout:
  - Use flexbox or grid to create a responsive layout
  - Cards should be 300px wide
  - 3 cards per row on desktop
  - 2 cards per row on tablet (max-width: 768px)
  - 1 card per row on mobile (max-width: 480px)
- Card styling:
  - Box shadow: 0 2px 5px rgba (0,0,0,0.1)
  - Border radius: 8px
  - Padding: 15px
  - Background color: white
- Button styling:
  - Background color: #4CAF50
  - White text
  - Padding: 10px 20px
  - Border radius: 5px
  - Hover effect: darken background
- Add transitions for hover effects

**4. Use appropriate CSS selectors and keep your code DRY (Don't Repeat Yourself)**

## Submission:

After completing your code, upload your files to the LMS. Display the webpage in your browser and demonstrate your working solution to your lecturer for review.