



ACADEMY
OF DIGITAL ARTS
EGYPT



Adobe

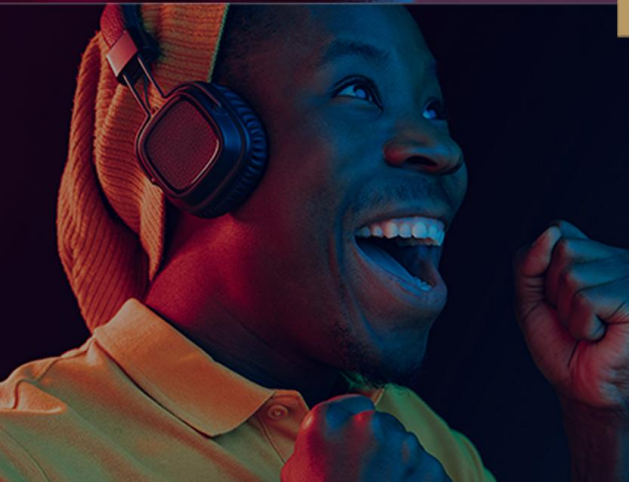


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WITH ADA



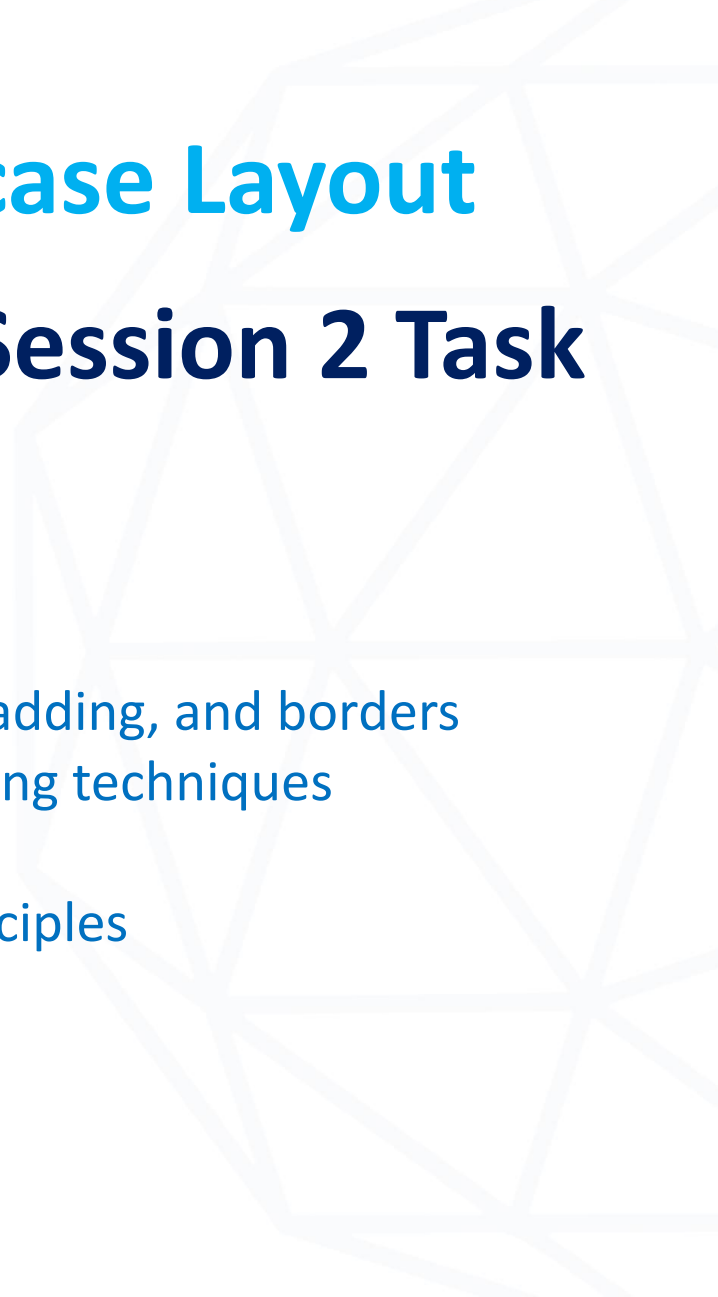


Build a Responsive Product Showcase Layout

Academy of Digital Arts Egypt - CSS Session 2 Task

Objective:

By completing this task, you will:

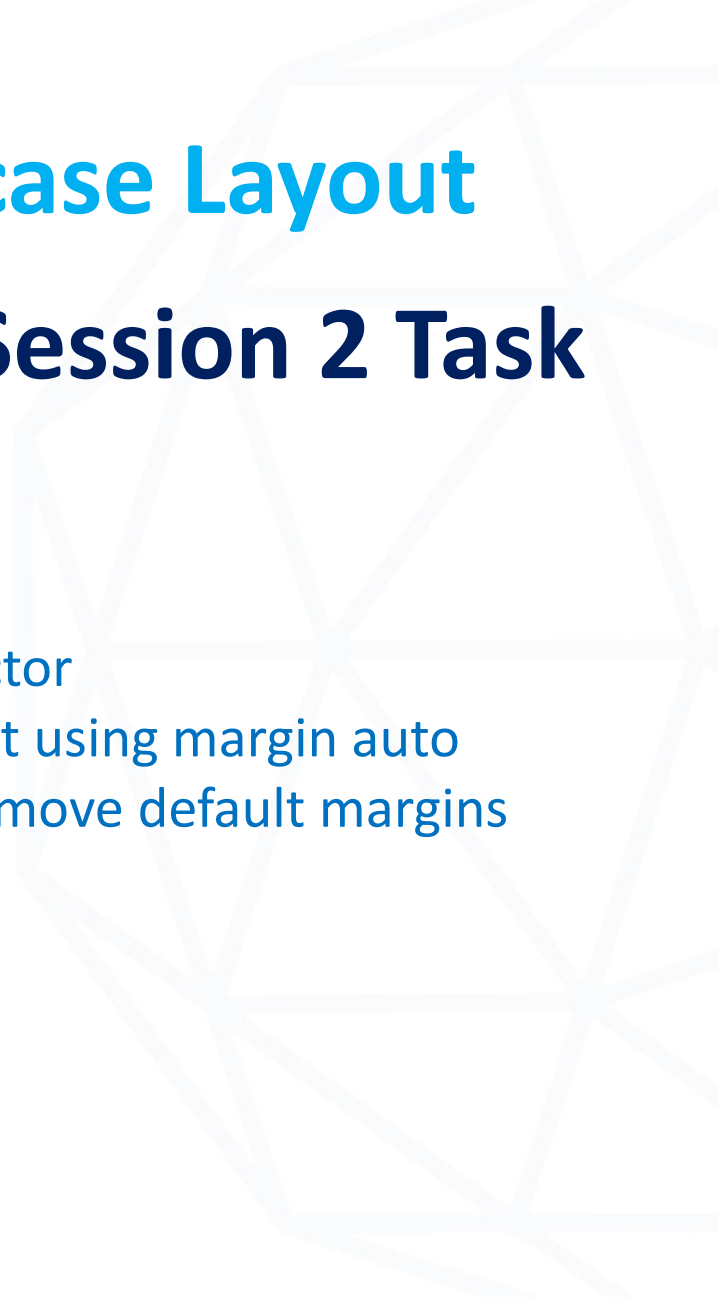
- Master the CSS Box Model and apply proper spacing using margin, padding, and borders
 - Understand and implement different display properties and positioning techniques
 - Create flexible, responsive layouts using Flexbox properties
 - Build a professional product showcase page with modern layout principles
 - Practice responsive design that works across different screen sizes
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Build a Responsive Product Showcase Layout

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Step 1 – Set Up Box Model Foundation

- Apply box-sizing: border-box to all elements using the universal selector
 - Create a main container with maximum width of 1200px and center it using margin auto
 - Set up proper body styling with font family, background color, and remove default margins
 - Add consistent padding to your main container for breathing room
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Step 2 – Create Header Layout with Flexbox

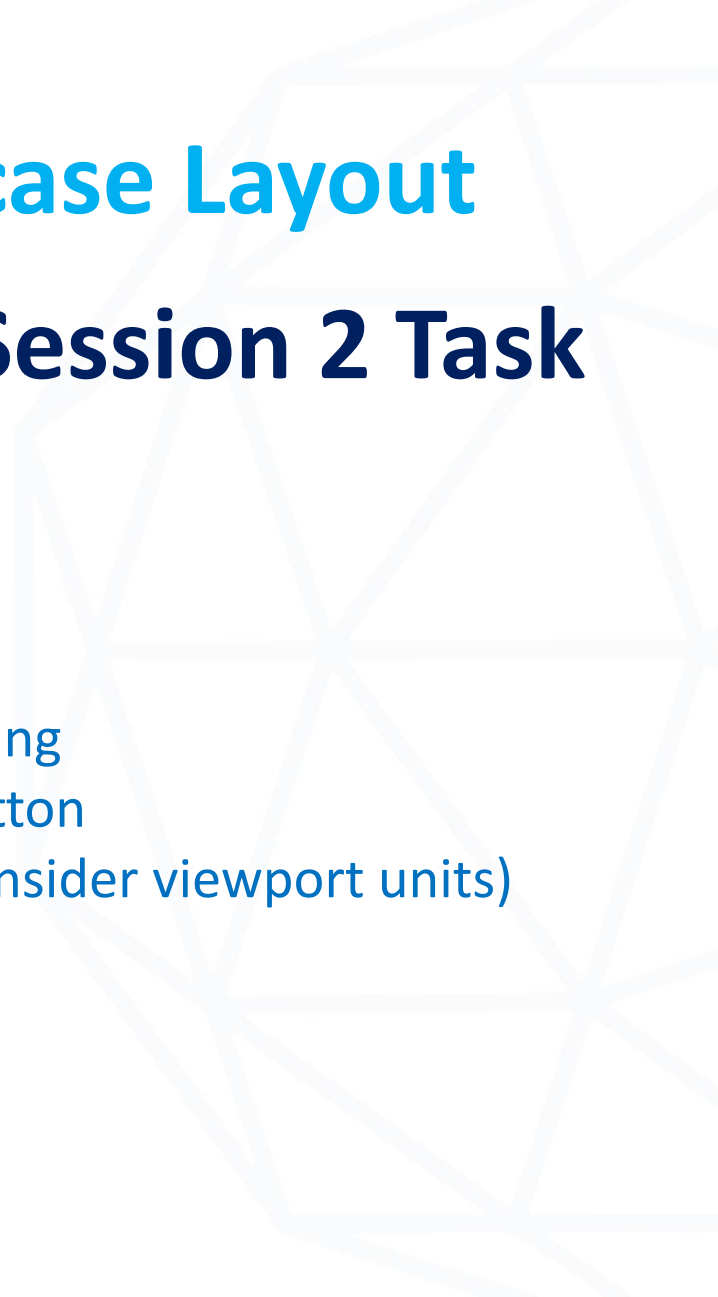
- Build a header section with your site logo/title on the left and navigation on the right
- Use `display: flex` and `justify-content: space-between` for horizontal distribution
- Style the navigation as a horizontal list using flexbox properties
- Add proper padding, background color, and positioning (consider sticky positioning)



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Step 3 – Design Hero Section with Flexbox Centering

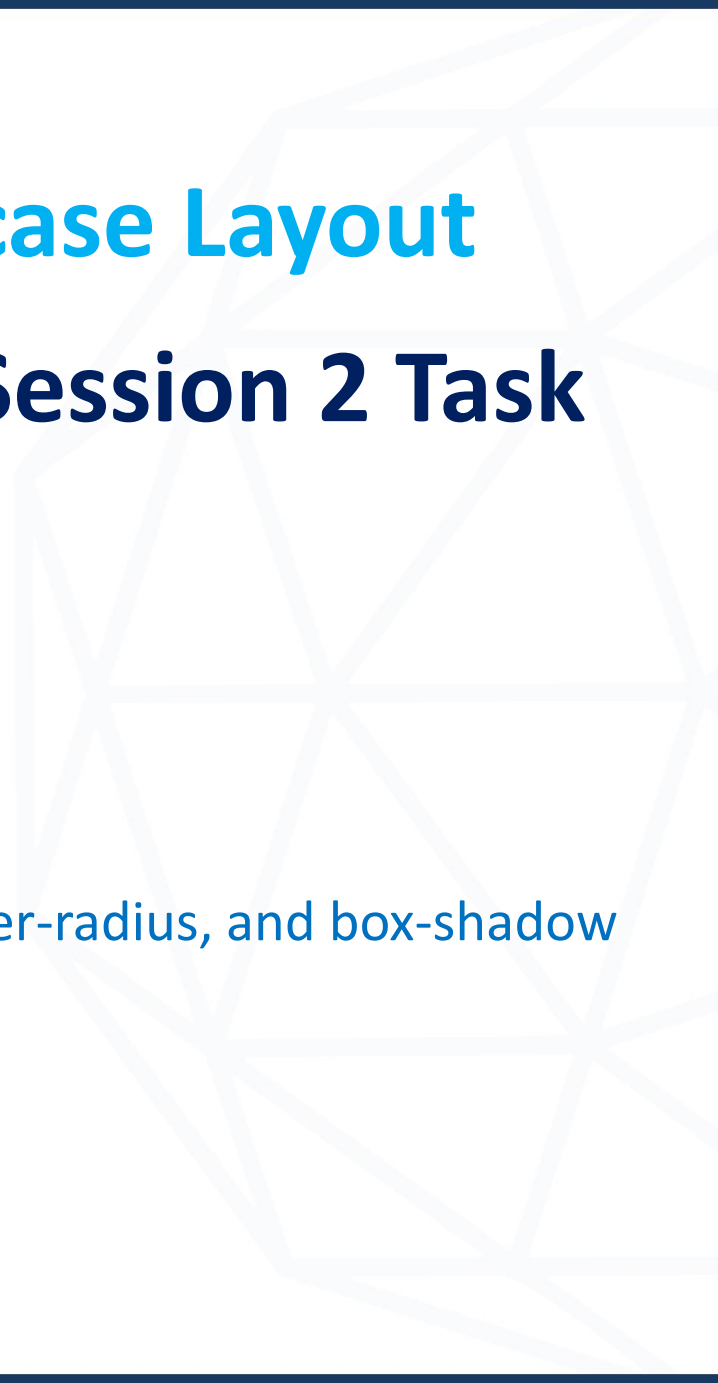
- Create a hero section with centered content using flexbox
 - Use justify-content: center and align-items: center for perfect centering
 - Include a main heading, description paragraph, and call-to-action button
 - Apply background gradient or solid color with appropriate height (consider viewport units)
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Step 4 – Build Product Grid with Responsive Flexbox

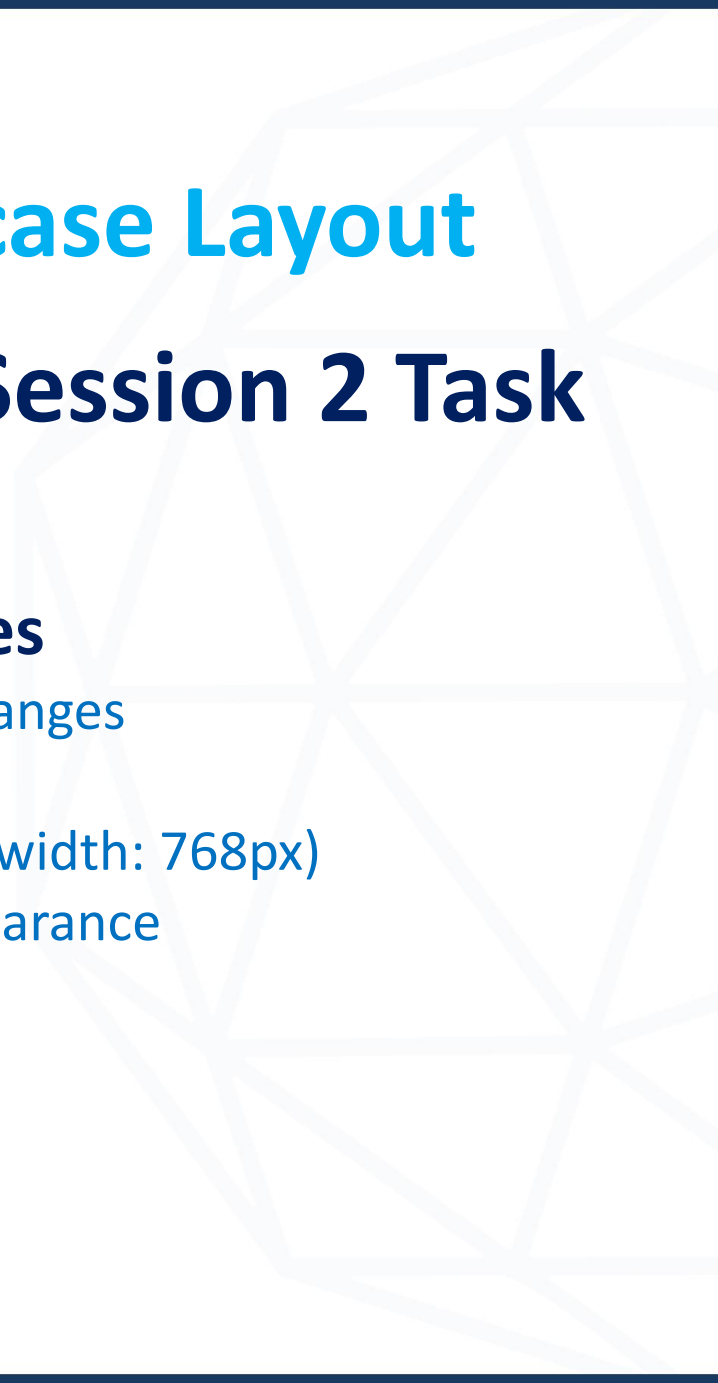
- Create a product showcase section with at least 3 product cards
 - Use display: flex, flex-wrap: wrap, and gap for card layout
 - Make each card responsive using flex: 1 and min-width properties
 - Style cards with proper box model properties: padding, border, border-radius, and box-shadow
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Step 5 – Add Interactive Elements and Finishing Touches

- Implement hover effects on cards using transform or box-shadow changes
 - Create a footer section with flexbox layout for multiple columns
 - Add responsive design using a media query for mobile screens (max-width: 768px)
 - Test and adjust spacing, colors, and typography for professional appearance
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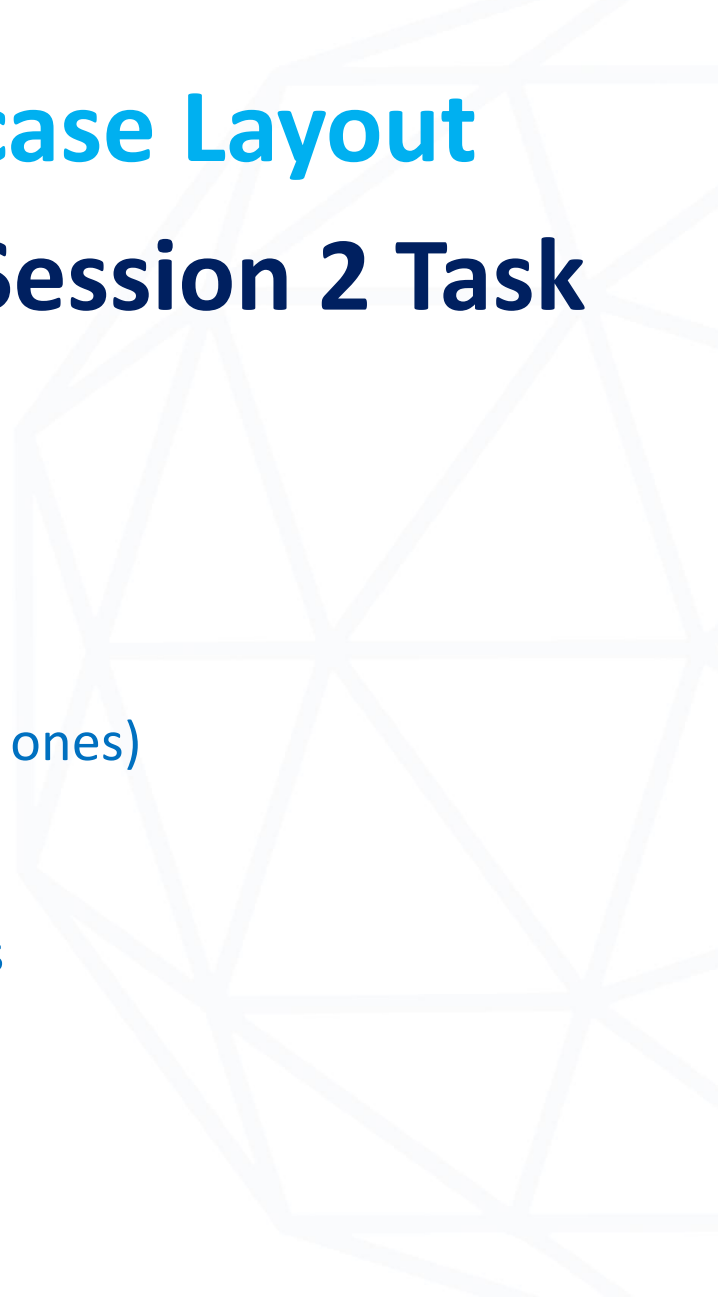


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Requirements

CSS Properties to Use:

- Box Model: margin, padding, border, box-sizing
 - Display: flex, block, inline-block
 - Positioning: static, relative, absolute, or sticky (choose appropriate ones)
 - Flexbox: justify-content, align-items, flex-direction, flex-wrap, gap
 - Layout: width, height, max-width, min-width
 - Visual: background-color, border-radius, box-shadow, hover effects
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Build a Responsive Product Showcase Layout

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Requirements

Layout Sections Required:

- Header with navigation (flexbox layout)
 - Hero section with centered content
 - Product showcase with at least 3 cards in a responsive grid
 - Footer with organized content
 - Responsive design for mobile devices
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Build a Responsive Product Showcase Layout

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Requirements

Design Standards:

- Professional color scheme (3-4 colors maximum)
 - Consistent spacing throughout the layout
 - Readable typography with proper hierarchy
 - Clean, modern appearance suitable for a business website
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Reminder

- Always test your layout by resizing the browser window to check responsiveness
- Use browser developer tools to inspect the box model and ensure proper spacing
- Remember that flexbox is one-dimensional - use it for rows OR columns, not both simultaneously
- Keep your CSS organized with clear comments explaining different sections
- Validate that your hover effects and interactive elements work smoothly
- Ensure your design maintains visual hierarchy and professional appearance across all screen sizes

THANK YOU

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