



ACADEMY
OF DIGITAL ARTS
EGYPT



Adobe

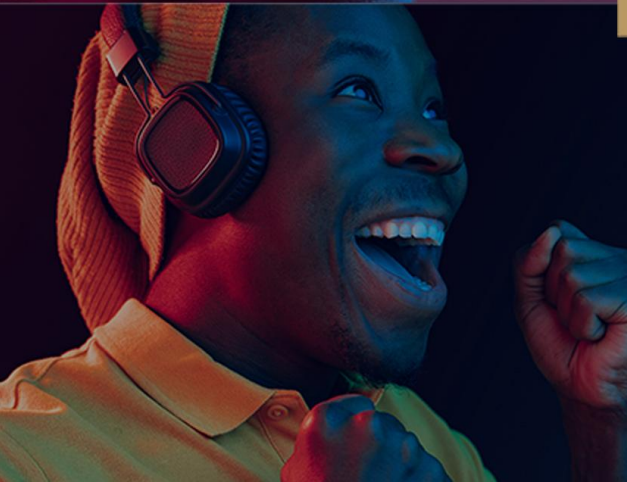


Microsoft

CompTIA.



START
YOUR TECH JOURNEY
WITH ADA



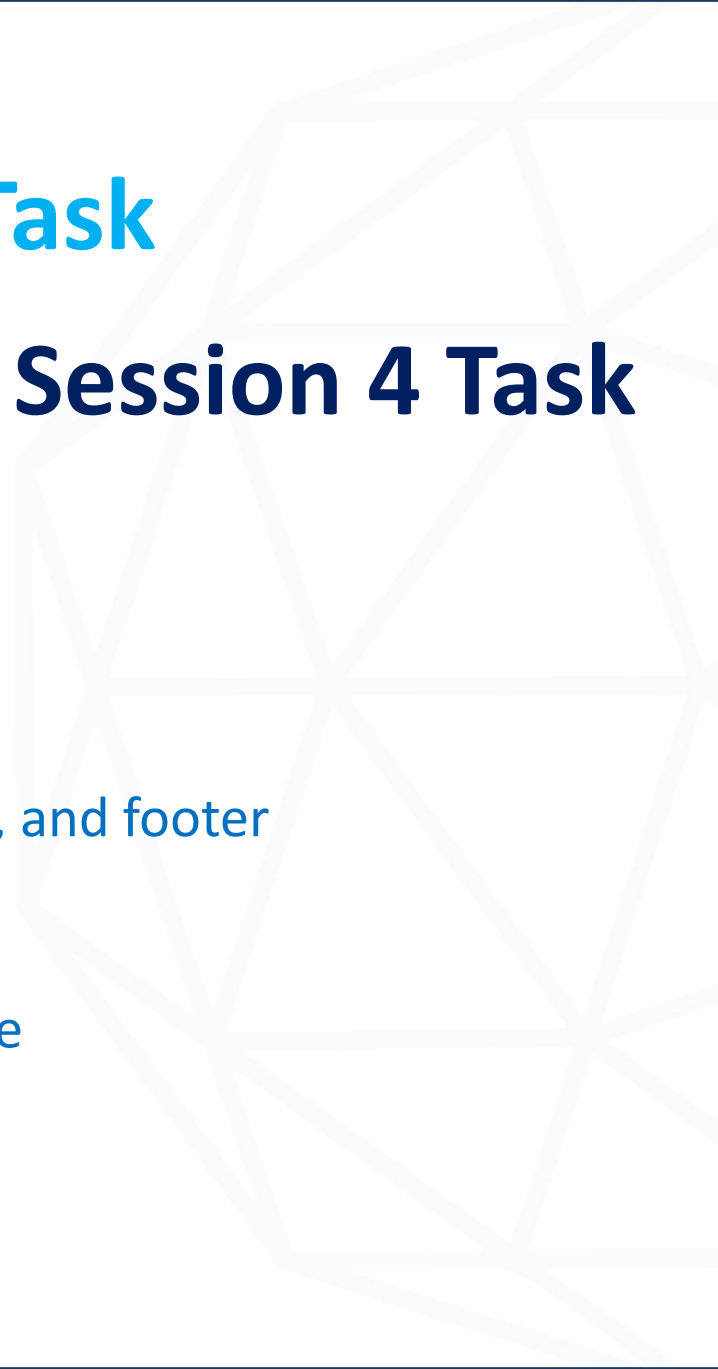


HTML Session 4 - Student Task

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Objective:

By completing this task, you will:

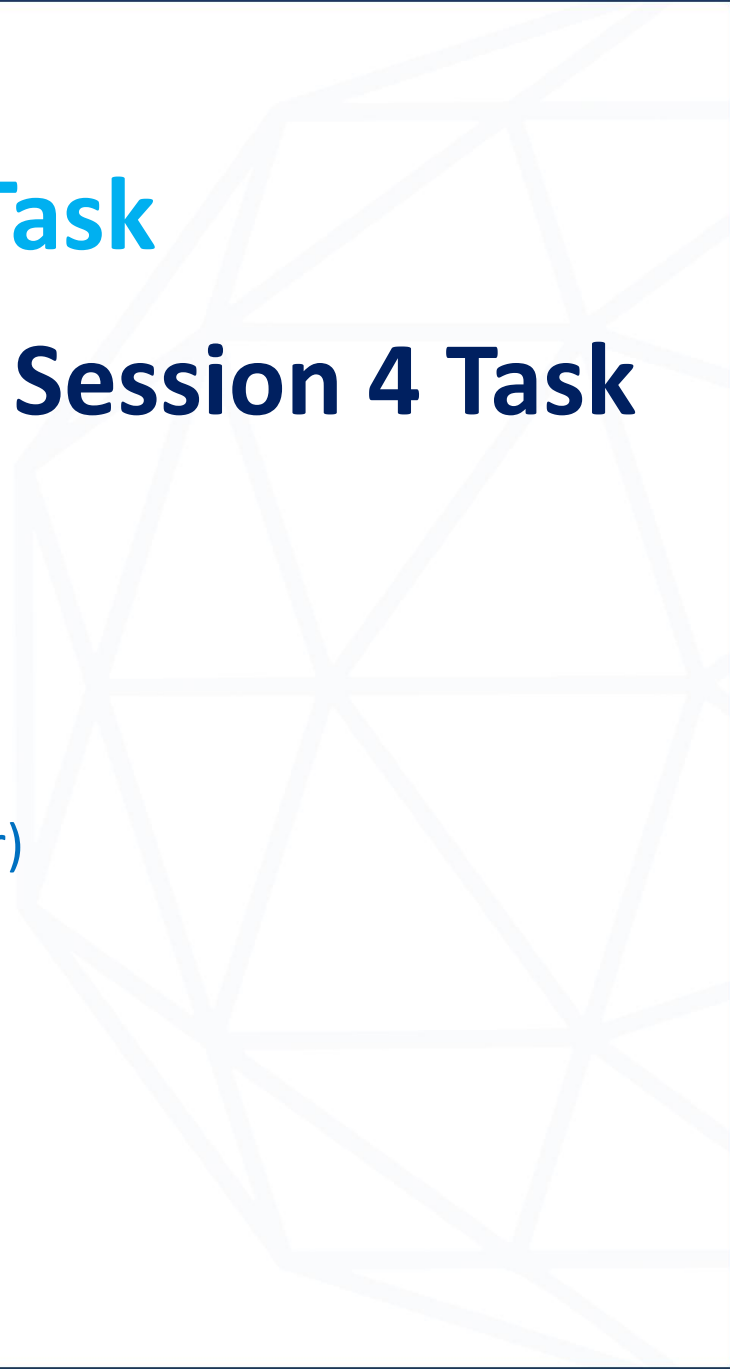
- Create a complete webpage using semantic HTML elements
 - Implement proper document structure with header, nav, main, aside, and footer
 - Apply accessibility best practices with proper headings and labels
 - Build SEO-friendly content with meta tags and semantic markup
 - Handle real-world content organization with clean, maintainable code
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Step 1 – Create Document Structure

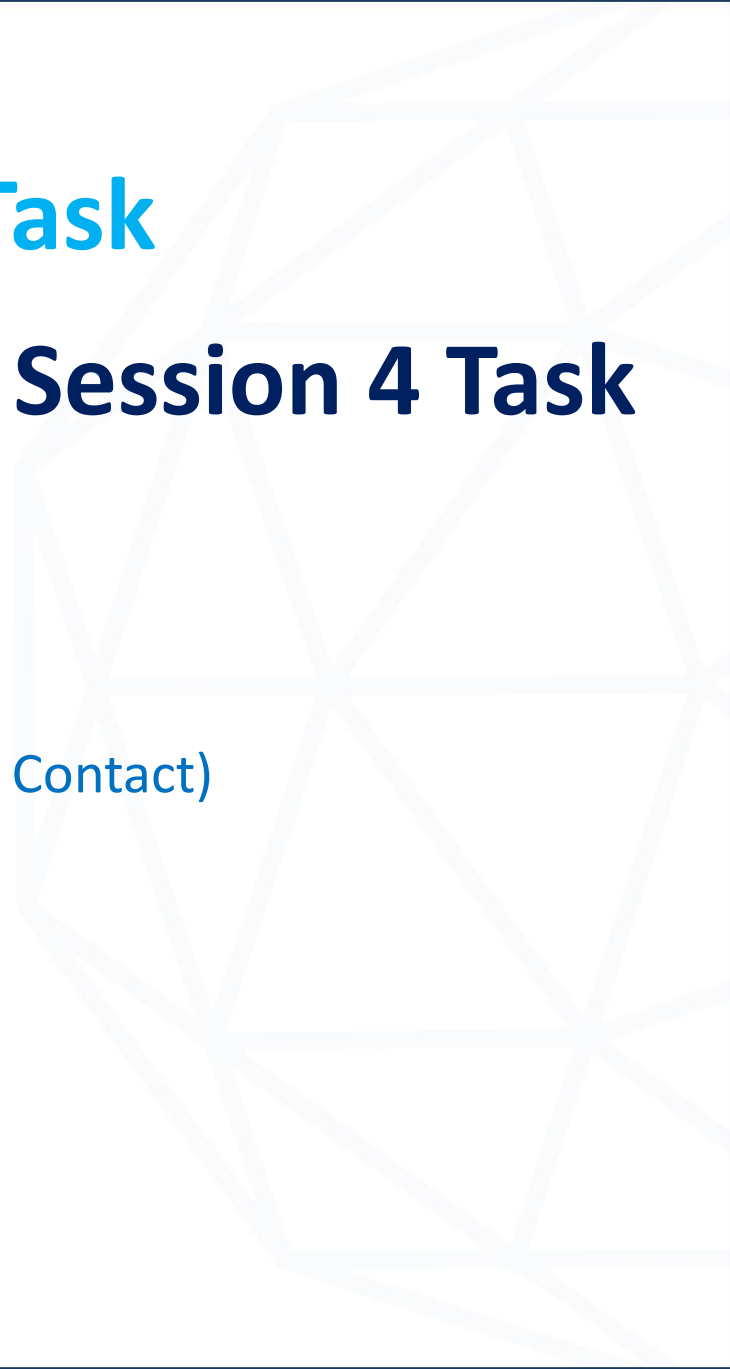
- DOCTYPE declaration and proper HTML5 structure
 - Head section with meta tags (charset, viewport, title, description)
 - Body with semantic layout elements (header, nav, main, aside, footer)
 - Proper heading hierarchy (h1, h2, h3)
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Step 2 – Implement Header and Navigation

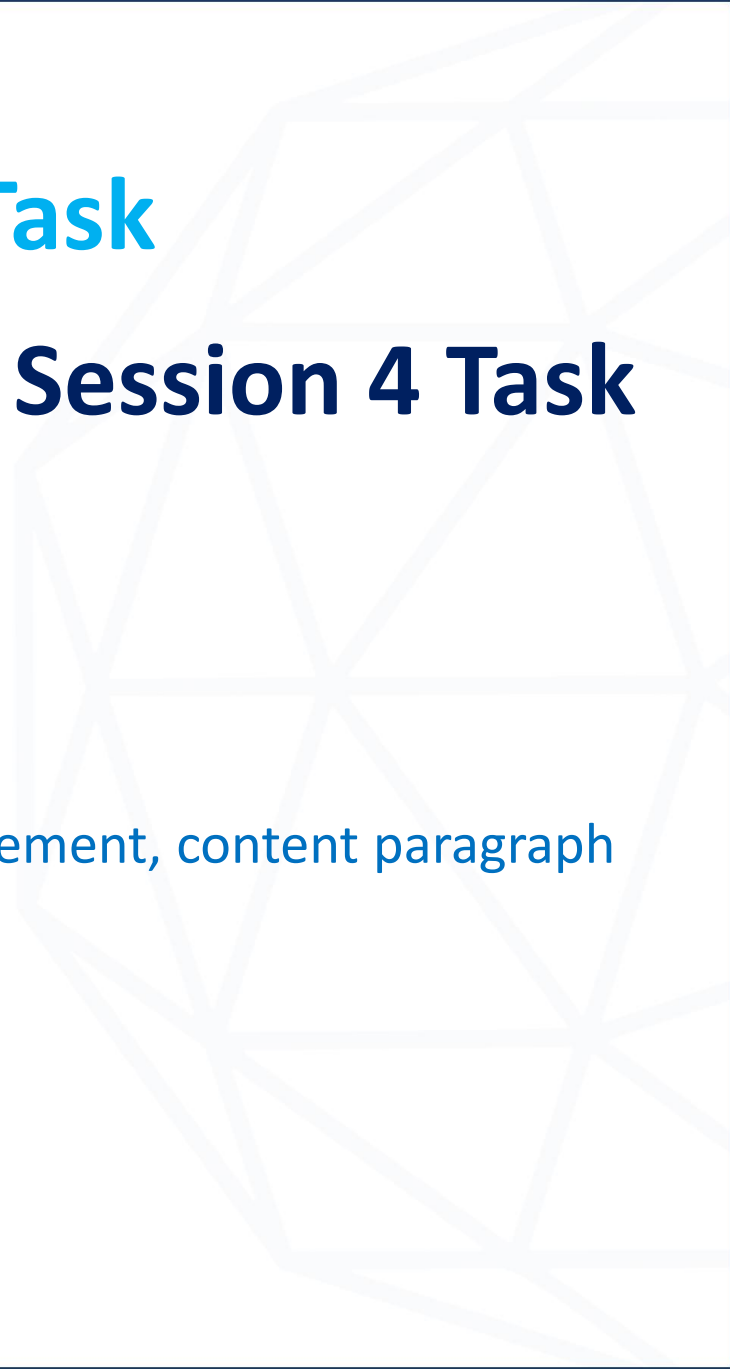
- Header with site title (h1)
 - Navigation menu with 5 sections (Home, Politics, Sports, Technology, Contact)
 - Use semantic nav element with proper list structure
 - Add aria-label for navigation accessibility
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Step 3 – Build Main Content Area

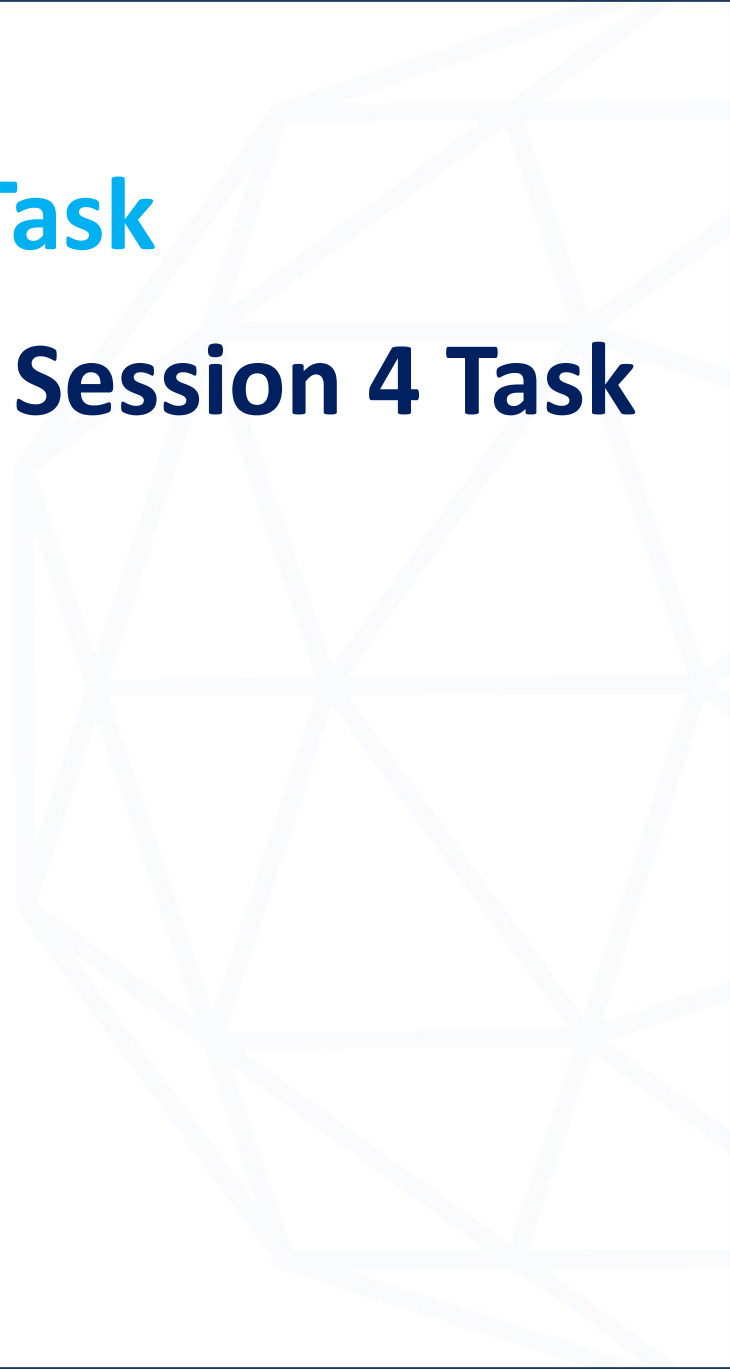
- Main section with breaking news article
 - At least 3 news articles with proper article elements
 - Each article should have: headline (h2), publication date with time element, content paragraph
 - Use proper section elements to group related content
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Step 4 – Create Sidebar and Footer

- Aside element with weather widget and trending topics
 - Footer with copyright information and contact details
 - Use address element for contact information
 - Add secondary navigation in footer
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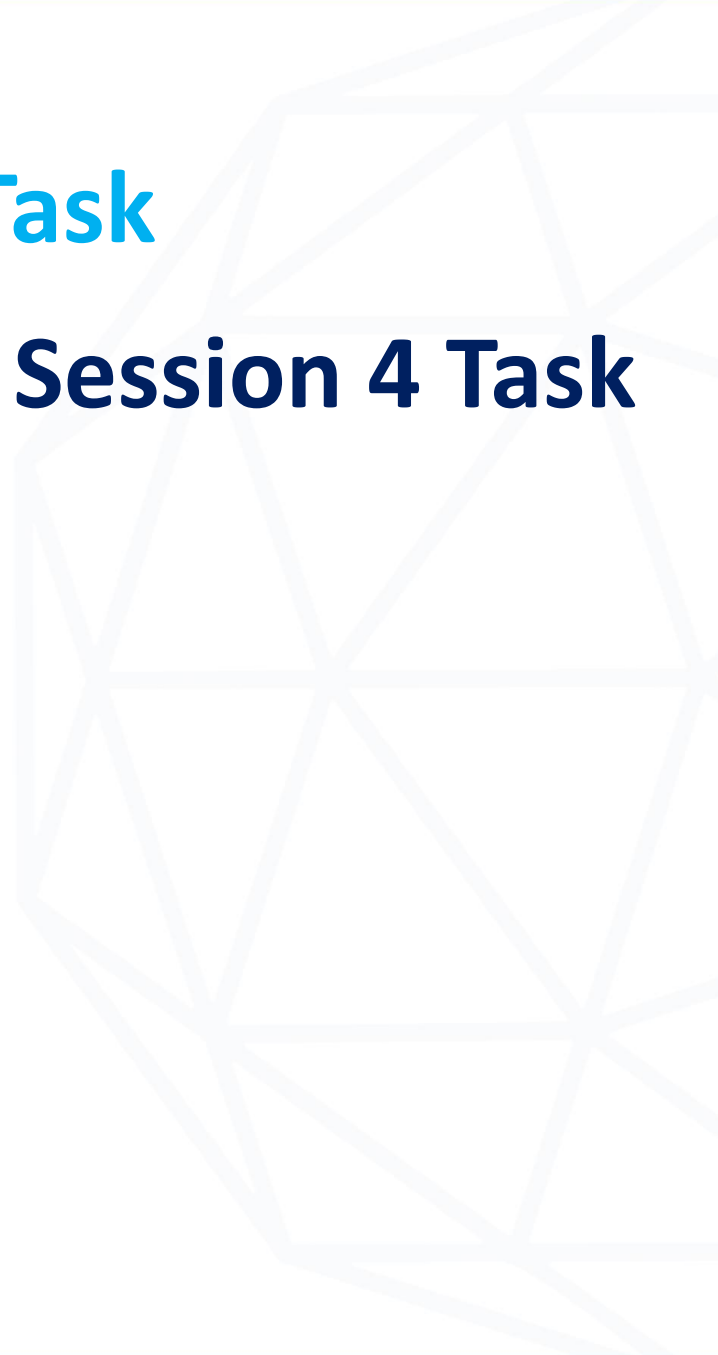
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Requirements

Tools:

- Text editor (VS Code recommended)
- Modern web browser for testing
- HTML validator for checking code quality

Content Guidelines:

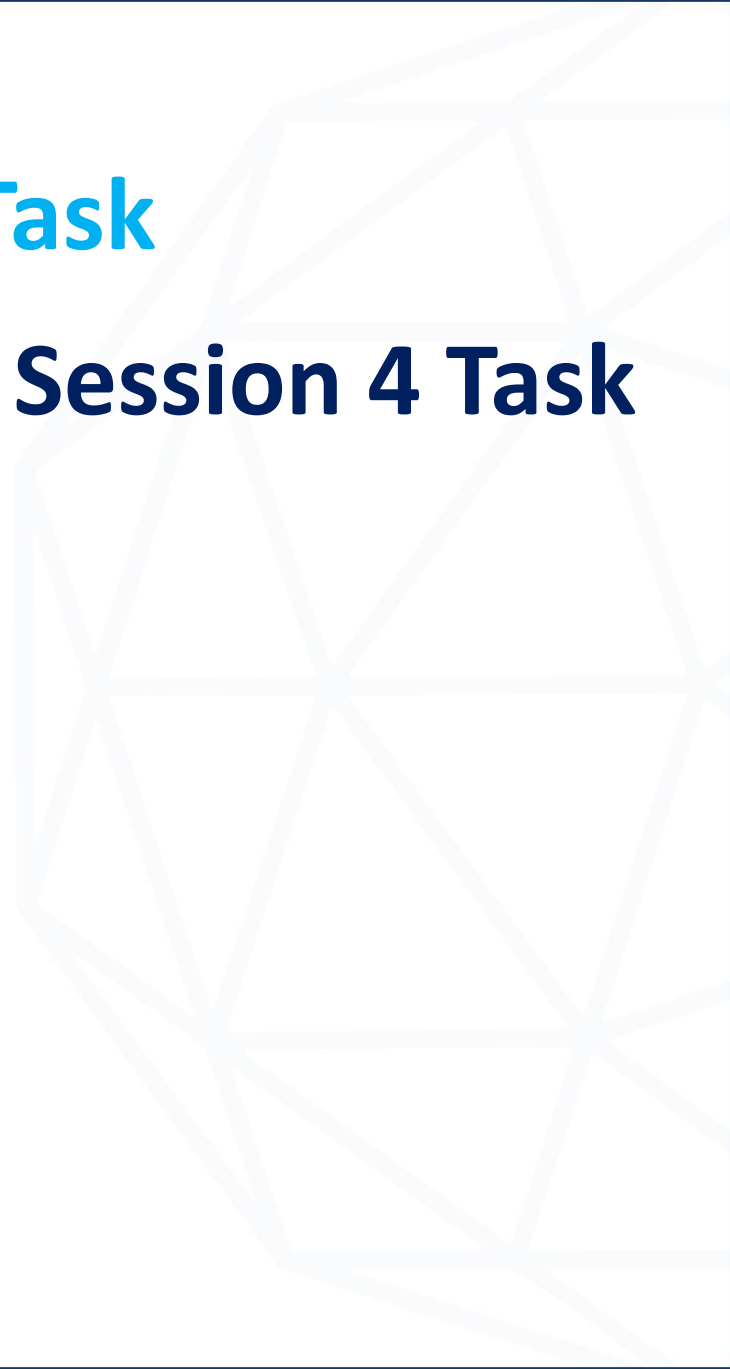
- Use meaningful, realistic news content (not Lorem Ipsum)
 - Include at least 4 complete news articles
 - Add proper meta description (under 160 characters)
 - Use semantic elements throughout - no div/span for structure
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Reminder

- Use semantic HTML5 elements instead of generic divs
 - Maintain proper heading hierarchy without skipping levels
 - Add meaningful alt attributes for any images
 - Include proper meta tags for SEO optimization
 - Validate your HTML code before submission
 - Test accessibility with screen reader simulation
 - Keep code clean and properly indented
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THANK YOU

ADAEGY

