**JARURAT CARE ASSIGNMENT**  
  
**Task 3: Reasoning and Approach**

**Reasoning Behind Code Improvements:**

**Performance Optimization:**

Containerization: By wrapping content in a .container div, the layout remains consistent and centered across different screen sizes. This ensures that the content is easy to read and interact with.

Styling: Using CSS to set specific styles for different elements reduces inline styles and improves maintainability. This also allows for faster rendering as the browser can cache external CSS files.

**Responsive Design:**

Media Queries: Implementing media queries ensures that text size and spacing adjust for smaller screens, improving readability and interaction on mobile devices.

Flexible Layout: Using percentage-based padding and margins ensures that the layout adapts fluidly to different screen sizes.

**Accessibility Improvements:**

Color Contrast: Choosing colors with adequate contrast for text and background enhances readability, especially for users with visual impairments.

Semantic HTML: Using <section> and <div> elements appropriately improves the document structure, making it easier for screen readers to navigate.

**Principles and Methodologies Followed:**

Mobile-First Design: Ensuring that the design is optimized for mobile devices first, then scaling up for larger screens.

Progressive Enhancement: Building a solid, accessible foundation before adding enhancements for more capable devices and browsers.

WCAG 2.1 Guidelines: Adhering to accessibility standards to ensure the website is usable by as many people as possible.

Semantic HTML: By using appropriate HTML tags, the structure of the content is clearer, improving accessibility for screen readers and enhancing SEO.

Responsive Design: The use of CSS styles ensures that the section is visually appealing and functional across different devices, enhancing user experience.

Accessibility Compliance: The color contrast and text readability improvements align with WCAG standards, ensuring that all users, including those with visual impairments, can access the content

**Enhancements Compared to the Original:**

Improved Readability: By increasing font sizes and adjusting color contrast, the text is easier to read.

Better Layout Consistency: Containerization ensures that the layout remains consistent across different devices.

Enhanced Accessibility: Adding semantic HTML and ensuring color contrast ratios meet accessibility guidelines make the website more inclusive.