Name of Intern: Memoona Shafiq

Project Title: Practice Questions

Internship Program Name: Web Development Internship

Duration & Submission Date: 03rd July 2025

Introduction

This project was designed to practice and demonstrate basic HTML and CSS concepts, such as buttons, heading, font styling, and layout. The aim was to understand different ways to style content using external, internal, and inline CSS, along with proper use of tags, IDs, and

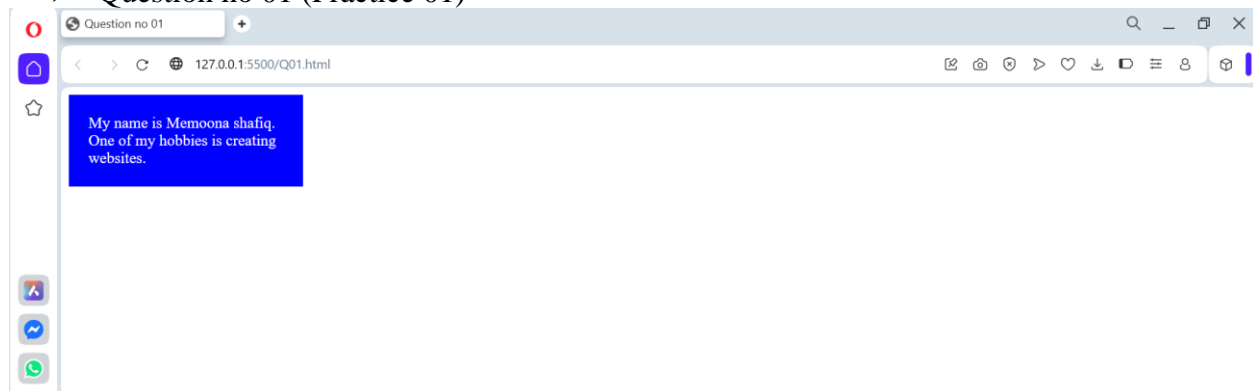## Tools & Technologies Used

- Languages: HTML5, CSS3

- Tools: Visual Studio Code, GitHub

- CSS Method: External CSS (styles.css), Internal CSS (<style> tag), Inline CSS

- Browser for testing: Chrome/Firefox

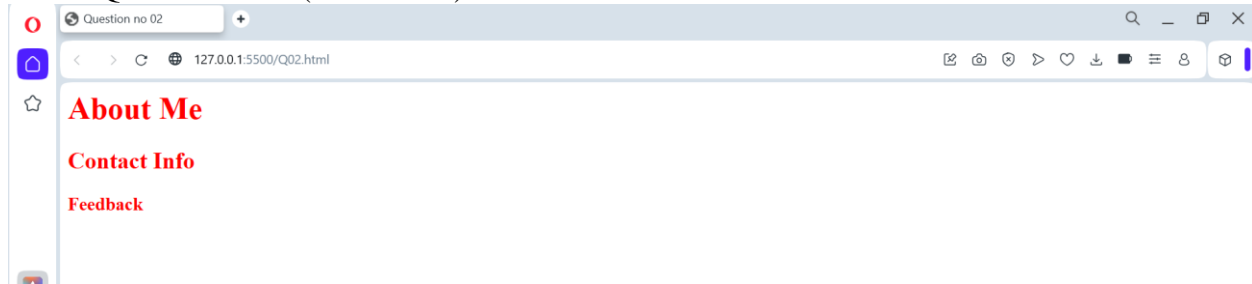## Features Implemented

1. Buttons with 3 CSS Methods
   - Green button (external CSS)
   - Blue button (internal CSS)
   - Pink button (inline CSS)
2. Headings using Common Class
   - Used h1, h2, h3 with class heading and applied red color
3. Centered uppercase heading
   - Heading aligned to center and converted to uppercase using CSS
4. Global Font styling
   - Set the entire document's font to "Times New Roman" using body {} selector
5. Nested Divs
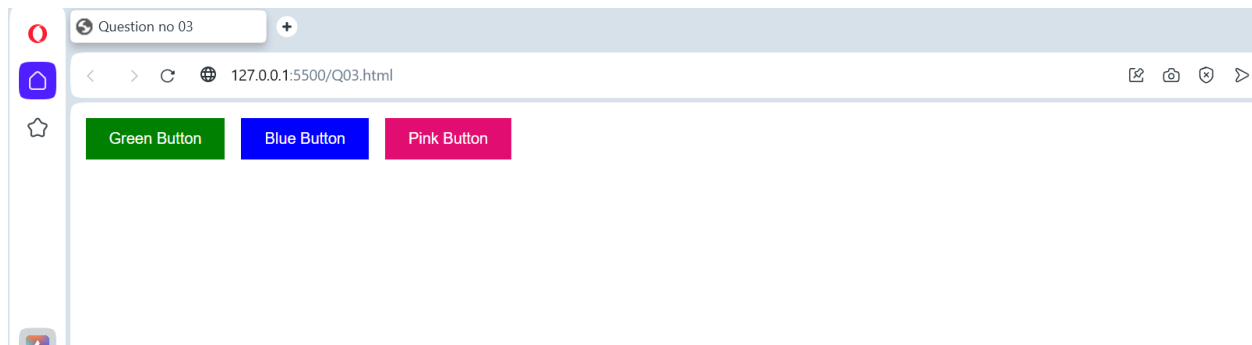   - Created one div inside another with different font sizes (outer=25px, inner=10px)

Screenshots
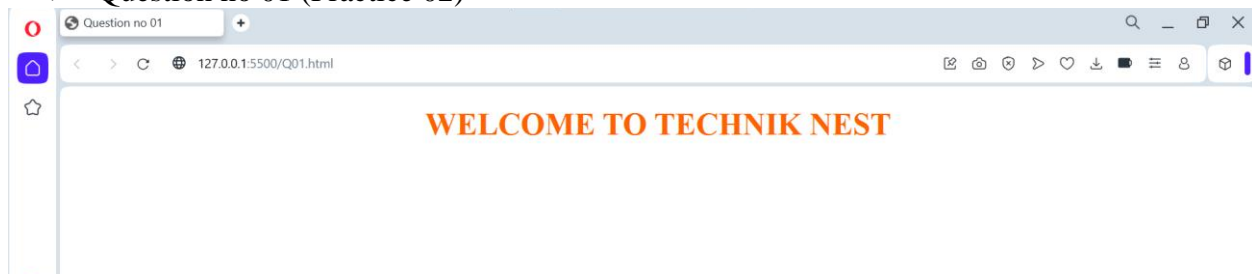   - Question no 01 (Practice 01)

➢ **Question no 02 (Practice 01)**
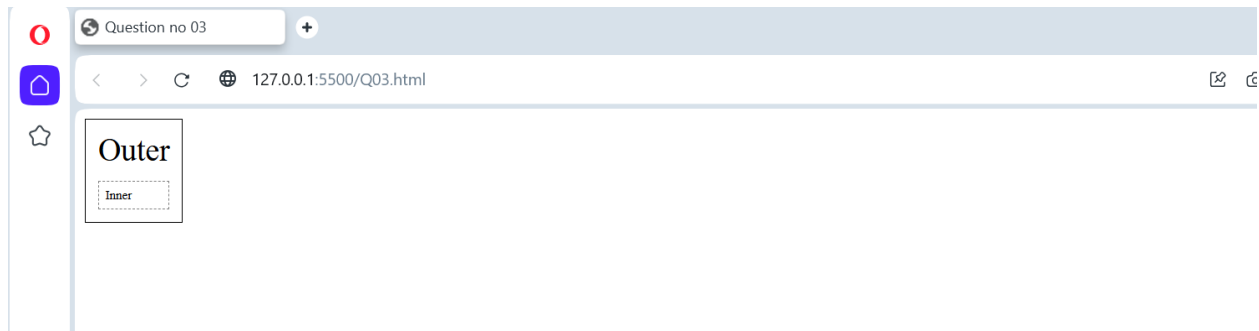

➢ **Question no 03 (practice 01)**

➢ **Question no 01 (Practice 02)**

➢ **Question no 02 (Practice 02)**

➢ **Question no 03 (Practice 02)**

O | Question no 03 | +

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☆

Outer

Inner

Development Process

Steps Taken:
1. Created HTML file in VS code.
2. Linked external CSS using link tag.
3. Added internal CSS using style tag in head.
4. Used inline CSS for direct styling on elements.
5. Created buttons with different background colors.
6. Applied class-based styling to headings
7. Used ID selectors for nested divs and assigned different text sizes.
8. Set entire page's font using body the font-family is (Times New Roman).

Challenges Faced

- Mixing up class vs. id (`.` vs `#`)
- Forgetting to close tags properly
- CSS not applying due to missing link or wrong selector
- Understanding difference between inline, internal, and external styling
- Font didn't apply globally until `body` selector was correctly added

8. Learning Outcomes

- Learned to apply CSS in 3 ways
- Practiced styling buttons, headings, and divs
- Gained better understanding of CSS selectors (`class`, `id`, `tag`)
- Learned how to structure clean HTML & CSS code
- Improved confidence in front-end basics

9. Future Improvements

- Add hover effects to buttons
- Make layout responsive for mobile view
- Use flexbox or grid for cleaner structure
- Add form with basic validation

10. Conclusion

This project helped build a strong foundation in basic web development.
I practiced core HTML and CSS skills that will be useful in future real-world web projects.
It also improved my confidence in using VS Code and writing clean, organized code.