Assignment – Unit 01

Full Stack Web Development TCS-693

Instructions:

- Complete the given task following the requirements.

- Submit the assignment along with screenshots of the output.

- Ensure proper indentation and comments in your code.

- Copy-pasting won't help you learn, so don't copy-paste.

- **Submission Deadline:** 5 March 2025

- **Submission Mode:** PDF (code with screenshots of outputs).

- **File name** – ClassRollNo_FullName eg. **43_Sunil_Bhatt**

Task

Design and develop a responsive personal portfolio webpage using HTML5, CSS, and Bootstrap. The webpage should include the following features:

1. Page Structure & Layout (HTML5)

  - Use semantic elements such as `<header>`, `<nav>`, `<section>`, `<article>`, and `<footer>`.

  - The webpage should have sections for **Home, About Me, Portfolio, Contact**, and a navigation bar.

2. Form Design (HTML5 Forms)

  - Include a **Contact Form** with fields for **Name, Email, Subject, and Message**.

  - Implement **proper input types, placeholders, and required attributes**.

3. Table Representation (HTML5 Tables)

- Create a section to display a **list of completed projects** in a tabular format.

- The table should have columns for **Project Name, Description, Technology Used, and Completion Date**.

- Apply **CSS styling** for better visibility.

4. Multimedia Elements (Images & Videos)

- Embed a **profile image** in the **"About Me"** section.

- Add a **video** showcasing any of your projects, tutorials, or a short introduction.

- Ensure the video has **controls, autoplay, and loop attributes** where necessary.

5. CSS Styling & Effects (External CSS)

- Apply **background colors, custom fonts, and text styles** to enhance the design.

- Use **hover effects** on buttons or links.

- Implement **proper spacing (margin, padding) and border styling** for a structured look.

6. Bootstrap & Responsiveness*

- Use Bootstrap to make the webpage **mobile-friendly** and responsive.

- Implement a **responsive navigation bar** with at least three menu items.

- Ensure the layout adjusts properly across different screen sizes.

7. Positioning Elements Using CSS

- Use **relative, absolute, and fixed positioning** to structure different elements creatively.

- Highlight a featured project or announcement in a **fixed-position box**.