**Assignment 6**

**Problem statement :**

Program on applying layout to HTML web page.

The goal is to create a simplified web layout for a streaming service landing page, similar to Netflix, using basic HTML, CSS, and JavaScript. The layout should retain essential features such as a header, main content, a features section, a frequently asked questions (FAQ) section, and a footer while minimizing the complexity and visual elements.

**Key Objectives**

1. **User-Friendly Interface**: Ensure that the layout is easy to navigate, visually appealing, and provides essential information at a glance.
2. **Responsive Design**: Make the layout adaptable to different screen sizes, especially mobile devices.
3. **Basic Interactivity**: Implement any necessary form functionality for user input without extensive JavaScript features.

**Steps to Create the Layout**

1. **Setting Up the HTML Structure**:
   * Create a basic HTML document structure with the <!DOCTYPE html> declaration and include the necessary meta tags for character encoding and responsiveness.
   * Define the main sections of the page: header, features, FAQ, and footer.
2. **Header Section**:
   * Within the header, create a navigation bar that includes:
     + A logo image for branding.
     + Language selection and sign-in buttons.
   * Add a header content area with a headline, a subheading, and a form that allows users to enter their email to start a membership.
3. **Features Section**:
   * Introduce a section that highlights the main features of the streaming service, such as watching on different devices, offline downloads, etc.
   * Keep it simple with a brief description to convey the benefits to potential users.
4. **FAQ Section**:
   * Create a list of frequently asked questions. Each question should be easy to read, providing concise answers that help users understand the service better.
   * Use simple HTML elements (like <ul> and <li>) to maintain a clean structure.
5. **Footer Section**:
   * Add a footer containing contact information and a copyright notice.
   * Ensure the footer is styled to stand out and remains visually consistent with the rest of the page.
6. **Styling with CSS**:
   * Create a style.css file and link it to the HTML document.
   * Define styles for body elements, headers, buttons, and form inputs to improve aesthetics and ensure a cohesive look.
   * Use background colors, padding, and text alignment to enhance readability and visual appeal.
7. **Testing the Layout**:
   * Open the HTML file in a web browser to verify the layout and functionality.
   * Check that all elements are displayed correctly and that the form works as intended.
8. **Responsive Design (Optional)**:
   * Use media queries in CSS to adjust styles for different screen sizes, ensuring the layout is responsive.
   * Test the layout on various devices to ensure usability.

**Screenshot of output:**

