



# FULL-STACK WEB DEVELOPMENT

## TASK 1: Landing Page (Basic HTML & CSS)

---

### Description

This task is aimed at developing a basic landing page using HTML and CSS. The page should showcase the core value of a website or product, and it must feature key elements like a header, hero section, call-to-action (CTA), and footer. The design should be simple, responsive, and visually appealing, built with only basic HTML and CSS.

---

### Responsibilities

#### 1. Create the HTML Structure

- Start with the basic HTML5 template:
  1. Include necessary **DOCTYPE**, **<html>**, **<head>**, and **<body>** tags.
  2. Make sure the page structure is clean and well-organized.
- Sections to Include in the Body:
  1. Header:
    - Contains the website's logo and navigation links (such as Home, Features, Contact).
    - Use **<header>**, **<nav>**, and **<ul>** for a clear structure of navigation links.
  2. Hero Section:

Main Flow Services and Technologies Pvt. Ltd.

Contact Us. +91 9389641586, +91 97736 99074

Email-Add. [contact.mainflow@gmail.com](mailto:contact.mainflow@gmail.com)

[www.mainflow.in](http://www.mainflow.in)



- This is the introductory section, usually with a title, a brief description, and a CTA button (e.g., "Get Started" or "Learn More").
- Use `<section>`, `<h1>`, `<p>`, and `<a>` tags for layout.

### 3. Features Section:

- List or visually display the key features or benefits of the product or service.
- Use `<section>`, `<h2>`, `<ul>`, or `<div>` to represent each feature in an organized manner.

### 4. Footer:

- Contains copyright information and additional links (e.g., Privacy Policy, Terms of Service).
- Use `<footer>`, `<p>`, and `<a>` for organization.

## 2. Add Basic Content

### ● Text Elements:

- Use heading tags (`<h1>`, `<h2>`) for titles and subheadings.
- Add text content using `<p>` tags to provide information about the product or website.

### ● Navigation Links:

- Use `<a>` tags to create navigation links (Home, Features, Contact).
- Style these links using CSS for a clean, user-friendly design.

### ● Images:

- Insert an image either in the hero section or as a background using the `<img>` tag or CSS `background-image` property.

## 3. Apply Basic CSS Styling

Main Flow Services and Technologies Pvt. Ltd.

Contact Us. +91 9389641586, +91 97736 99074

Email-Add. [contact.mainflow@gmail.com](mailto:contact.mainflow@gmail.com)

[www.mainflow.in](http://www.mainflow.in)



- **Layout and Spacing:**
    - Use CSS properties like `margin`, `padding`, `display`, `flex`, or `grid` to control spacing and layout of sections.
    - Ensure the sections are properly spaced to maintain a clean layout.
  - **Font Styling:**
    - Select appropriate fonts for headings and body text using CSS (`font-family`, `font-size`, `line-height`).
    - Set proper text alignment (`text-align: center`, `text-align: left`) for readability.
  - **Color Palette:**
    - Choose a simple color palette that complements the brand or theme of the website.
    - Use CSS properties like `color`, `background-color`, and `border` to enhance the visual appeal of the page.
  - **Responsiveness:**
    - Use `@media` queries to ensure the page is responsive and adapts to different screen sizes (e.g., mobile, tablet, desktop).
- 

## Expected Outcomes

### By completing this task, you will:

1. Gain hands-on experience with HTML and CSS to structure and style a simple webpage.
2. Create a clean and professional landing page that is visually appealing and responsive.
3. Understand the key elements of web design, such as layout, typography, color schemes, and spacing.

Main Flow Services and Technologies Pvt. Ltd.

Contact Us. +91 9389641586, +91 97736 99074

Email-Add. [contact.mainflow@gmail.com](mailto:contact.mainflow@gmail.com)

[www.mainflow.in](http://www.mainflow.in)



4. Learn how to organize content and navigation effectively for a user-friendly interface.

This task is designed to provide a strong foundation in web development by introducing the essential concepts of HTML structure and CSS styling.

### Deadline Compliance

- **Restriction:** **Submit the project within 7 days** from the start date.
- **Reason:** Meeting deadlines is crucial in the real-world software development environment. This restriction helps students practice **time management** and **task prioritization**. In professional settings, tight deadlines are often the norm, and learning to meet them without compromising quality is an essential skill.
- **Learning Outcome:** Students will learn to manage their time effectively, complete projects under pressure, and **deliver results on time**, which are all important skills in the workplace.

**Main Flow Services and Technologies Pvt. Ltd.**

**Contact Us.** +91 9389641586, +91 97736 99074

**Email-Add.** [contact.mainflow@gmail.com](mailto:contact.mainflow@gmail.com)

[www.mainflow.in](http://www.mainflow.in)