Level 1 – Task 1: Landing Page

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1. Introduction

As part of the OASIS INFOBYTE Web Development Internship (Level 1), Task 1 required the creation of a simple yet visually appealing landing page using basic web technologies. The objective of this task was to understand the fundamentals of HTML and CSS, including page structure, layout design, styling, alignment, and responsiveness. This task helped in building a strong foundation for front-end web development.

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2. Objective of the Task

The main objectives of this task were:

- To design and develop a landing page using HTML and CSS

- To understand page layout using sections and columns

- To apply CSS for styling, spacing, and color management

- To ensure proper alignment of elements without overlap

- To enhance creativity through visual design

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3. Tools and Technologies Used

- **HTML5**: For creating the structure of the web page

- **CSS3**: For styling, layout, colors, and positioning

- **Visual Studio Code**: Code editor used for development

- **Web Browser**: For testing and previewing the landing page

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4. Description of the Landing Page Design

The landing page is divided into two main sections using CSS Flexbox:

a) Left Section

- Displays the task information: *LEVEL 1* and *TASK 1*

- Uses a bright green background to attract attention

- Includes a laptop icon placed at the bottom using absolute positioning

- Demonstrates the use of typography, spacing, and positioning

b) Right Section

- Contains the title *LANDING PAGE*

- Provides a brief description of the task and learning outcomes

- Uses a dark background for contrast and readability

- Includes a clickable "For Demo Click" link styled using CSS

The layout clearly separates content and maintains a clean, professional look.

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5. Key Features Implemented

- Flexbox layout for responsive horizontal alignment

- CSS reset using universal selector for consistency

- Proper use of padding, margins, and line-height

- Attractive color palette with good contrast

- Hover effect on the demo link

- Absolute positioning for icon placement

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6. Learning Outcomes

Through this task, I learned:

- How to structure a webpage using HTML

- How to divide a webpage into sections using CSS Flexbox

- How to apply styles such as colors, fonts, spacing, and hover effects

- The importance of alignment and layout planning

- How CSS positioning works (relative and absolute)

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7. Conclusion

The successful completion of Task 1 helped me gain confidence in basic web development concepts. Designing the landing page improved my understanding of HTML structure and CSS styling. This task laid a strong foundation for more advanced projects in the internship and enhanced my creativity and problem-solving skills in web design.

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