Task 1: Create a Simple Responsive Landing Page Using HTML & CSS.

- **Objective: Build a clean, responsive landing page with a header, hero section, and footer.**
- **Tools: VS Code (free), Chrome Browser, live-server extension.**
- **Deliverables: HTML and CSS files rendering a responsive landing page.**

Hints/Mini Guide:

1. Create index.html and style.css.
2. Setup basic HTML5 structure and link CSS.
3. Add a header with logo and nav links.
4. Design a hero section with heading, paragraph, and a call-to-action button.
5. Use CSS Flexbox/Grid for layout.
6. Apply media queries for responsiveness (e.g., nav collapse on small screens).
7. Style footer with social links.
8. Open with live-server and test responsiveness by resizing window.

Outcome: : Understand HTML structure, CSS layout, Flexbox/Grid, media queries.

Interview Questions:

1. What is semantic HTML?
2. How does CSS Flexbox differ from Grid?
3. What are media queries?
4. How do you make a website responsive?
5. Explain the box model.
6. What is the difference between classes and IDs in CSS?
7. How can you optimize CSS for performance?
8. What is the difference between relative and absolute positioning?
9. How does the z-index property work?
10. What is the difference between padding and margin?

Key Concepts: HTML5, CSS3, Flexbox, Grid, Media Queries, Responsive Design.

📤 **Submit Here:**

After completing the task, paste your GitHub repo link and submit it using the link below:

- 👉 [Submission Link]

📌 **Task Submission Guidelines**

- ⏰ **Time Window:**

You can complete the task anytime between 10:00 AM to 10:00 PM on the given day. Submission link closes at 10 :00 PM

- 🔍 **Self-Research Allowed:**

You are free to explore, Google, or refer to tutorials to understand concepts and complete the task effectively.

- 🛠️ **Debug Yourself:**

Try to resolve all errors by yourself. This helps you learn problem-solving and ensures you don't face the same issues in future tasks.

- 💸 **No Paid Tools:**

If the task involves any paid software/tools, do not purchase anything. Just learn the process or find free alternatives.

- 📁 **GitHub Submission:**

Create a new GitHub repository for each task.
Add everything you used for the task — code, datasets, screenshots (if any), and a **short README.md** explaining what you did.

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