Task 1: Build a Semantic HTML Personal Profile Page

Tools:

- Primary: VS Code, Any Web Browser (Chrome/Edge/Firefox)
- Alternatives: Notepad++, Sublime Text, CodePen

Hints / Mini Guide:

1. Create a new project folder and inside it create an index.html file, ensuring you understand the basic folder and file naming conventions used in real-world web projects.
2. Write the HTML boilerplate manually (DOCTYPE, html, head, body) to understand how browsers interpret document structure instead of relying on snippets.
3. Use semantic HTML elements like <header>, <nav>, <section>, <article>, <footer> to logically divide your profile content and improve accessibility.
4. Add personal information such as name, bio, education, skills, and contact details using appropriate tags like <h1>–<h3>, <p>, <ul>, <li>.
5. Include a profile image using the <img> tag and properly set alt attributes to follow accessibility best practices.
6. Add internal navigation using anchor links that jump to different sections of the same page.
7. Validate your HTML structure by opening the file in multiple browsers to ensure consistent rendering.
8. Comment your code clearly to explain why semantic elements are used instead of generic <div> tags.

Deliverables:

- A fully semantic, accessible personal profile web page
- Clean, readable HTML code following best practices

Interview Questions Related To Above Task:

- What are semantic HTML elements and why are they important?
- Difference between <div> and <section>?
- Why is the DOCTYPE declaration required?
- What is the purpose of the alt attribute?
- How does semantic HTML improve SEO?

📌 **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.

📤 **Submit Here:**

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

- 👉 [Submission Link]

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