Task 3: Create a Responsive Layout Using Flexbox

Tools:

- Primary: VS Code, Browser DevTools
- Alternatives: CodePen, StackBlitz

Hints / Mini Guide:

1. Identify sections of your page that need alignment such as navigation bar, cards, or skill lists.
2. Apply display: flex to parent containers to enable flexible layouts.
3. Use flex-direction, justify-content, and align-items to control positioning.
4. Create a horizontal navigation bar that adjusts automatically based on screen size.
5. Add multiple content cards and align them in rows using Flexbox.
6. Use flex-wrap to allow elements to move to the next line on smaller screens.
7. Test responsiveness by resizing the browser window and using device simulation.
8. Comment each flex property explaining its role.

Deliverables:

- Responsive layout using Flexbox
- Mobile-friendly content alignment

Interview Questions Related To Above Task:

- What is Flexbox?
- Difference between Flexbox and Grid?
- What does justify-content do?
- When would you use flex-wrap?
- How does Flexbox help responsiveness?

📌 **Task Submission Guidelines**

- ⏰ **Time Window:**

Youcan 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:**

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

- 🛠️ **Debug Yourself:**

Tryto 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:**

Ifthe 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]