**TRAINING TR-102 REPORT DAY 23**

18-JULY-2025

**I Learned Today:**

**Flexbox Advanced Concepts:**

* Flexbox is a **one-dimensional layout model** useful for aligning elements in a row or column.
* Explored advanced properties to **build clean, responsive layouts**.

**Important Flexbox Properties Reviewed:**

| **Property** | **Description** |
| --- | --- |
| flex-direction | Row or column direction |
| justify-content | Horizontal alignment (center, space-between, etc.) |
| align-items | Vertical alignment (center, stretch, etc.) |
| flex-wrap | Allows items to wrap on smaller screens |
| align-content | Aligns wrapped lines |
| gap | Adds space between flex items |

**💻 What I Practiced:**

* Built a **responsive gallery layout** using Flexbox.
* Created **horizontal and vertical center alignment** with just a few lines of CSS.
* Practiced flex-wrap with gap to handle smaller screens.

**ew Tags or Concepts I Learned:**

* flex-wrap for responsive wrapping
* justify-content and align-items to center content
* gap for spacing instead of using margin
* Full-height layouts using min-height: 100vh

**😌 My Reflection:**

Today felt very productive! Flexbox makes it so much easier to create layouts that adjust across screen sizes. I used to struggle with alignment, but now I can vertically and horizontally center anything with Flexbox. I enjoyed building the gallery and seeing it automatically adjust on small screens.