**TRAINING TR-102 REPORT DAY 22**

17-JULY-2025

**I Learned Today:**

**What is z-index in CSS?**

* The z-index property controls the **stacking order** of overlapping elements.
* Elements with a **higher z-index value appear in front** of those with a lower one.
* Only works on elements that have a position value other than static.

**Important Concepts:**

* Default stacking order = based on HTML order (last comes on top).
* Use z-index to **create popups**, **modals**, **overlays**, and **tooltips**.
* Negative values like z-index: -1 can push elements behind others.

**What I Practiced:**

* Created three overlapping boxes with different z-index values.
* Built a modal popup box that appears above the page content.
* Used z-index to bring text in front of a background image.

**New Tags or Concepts I Learned:**

* z-index to control layering of elements
* Layering elements for popups and overlays
* Relationship between z-index and position
* Importance of stacking context in layout design

**😌 My Reflection:**

Learning about z-index made me feel more in control of complex layouts. It was fun to create overlapping elements and layer them just the way I wanted. Modal boxes and overlays now make much more sense to me. I finally understand how websites manage popups and banners!