**TRAINING TR-102 REPORT DAY 17**

11-JULY-2025

**I Learned Today:**

**Responsive Web Design:**

* A design approach that makes web pages **adapt to different screen sizes** (desktop, tablet, mobile).
* Key to building **mobile-friendly websites**.

**Viewport Meta Tag:**  
Added to <head> to make the website responsive:

<meta name="viewport" content="width=device-width, initial-scale=1.0">

**Media Queries:**

* CSS rules that **apply styles only under certain screen conditions**.
* Syntax:

@media screen and (max-width: 768px) {

body {

background-color: lightblue;

}

}

* Common breakpoints:
  + max-width: 1200px (large screens)
  + max-width: 992px (tablets)
  + max-width: 768px (phones)
  + max-width: 576px (small phones)

**💻 What I Practiced:**

* Made my 3-page website responsive using:
  + width: 100% instead of fixed px
  + flex-wrap in Flexbox layouts
  + Media queries for different screen sizes

**New Tags or Concepts I Learned:**

* <meta name="viewport"> for mobile optimization
* @media queries for device-specific styles
* Designing for **fluid layout** using % and vw units
* Adjusting layout direction and spacing based on screen size

**😌 My Reflection:**

Today I learned how to make websites work beautifully on all screen sizes. It was rewarding to see my site change layout smoothly when resizing the browser. Now I realize how important responsiveness is in real-world websites. This has taken my web design skills to the next level!