**Session 1 Notes**

**display: flex**

* flex-direction: set row or column.  
  **Ex : flex-direction: row;**
* justify-content: align items **horizontally**.  
  **Ex : justify-content: center; (middle)**
* align-items: align items **vertically**.  
  **Ex : align-items: center;**
* gap: adds space between items.  
  **Ex : gap: 10px;**

**display: grid**

* grid-template-columns: set number and size of columns.  
  **Ex : grid-template-columns: 1fr 1fr 1fr; (3 equal columns)**
* gap: space between rows and columns.  
  **Ex : gap: 20px;**

**Css variables**

* You define a variable inside a :root selector so it can be used everywhere.  
  Variables always start with --.
* To Use a Variable, **Ex : color: var(--main-color)**

**DOM [Document Object Model]**

* It allows JavaScript to interact with and change the content and structure of a webpage.
* **Ex : document.getElementById("title");**
* **Ex :** **document.body.style.background = "red";**

**BOM [Browser Object Model]**

* It lets you interact with the browser window and environment.
* **Ex : window.alert("Hello!");**
* **Ex : console.log(window.innerWidth);**

**Event Listeners**

* It is a way to wait for a user action (like a click) and then run some code.
* **Ex : element.addEventListener("event", function);**