# HTML & CSS (Part)

# Links

- Link to local page
- Link to external page
- Link to same page

# HTML 4 Origanization

- <div class="header">
- <div class="nav">
- <div class="section">
- <div class="footer"

# HTML 5 Organization

- <header>
- <nav>
- <section>
- <footer>
- <audio>
- <video>
- <datalist>

# CSS Selectors

| | |
|---|---|
| a, b | Multiple Element Selector |
| a b | Descendant Selector |
| a > b | Child Selector |
| a + b | Adjacent Sibling Selector |
| [a=b] | Attribute Selector |
| a:b | Pseudoclass Selector |
| a::b | Pseudoelement Selector |

# Responsive Design

# Responsive Design

- Media Query
- Flex
- Grid

# Media Query

- Keyword: @media
- It means the following CSS will be applied only in certain situations.

- only screen
- min-width:500px or max-width:499px

# Viewport

- In order to interact with the scree size, we use the following tag in head.

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

    - Viewport is the visible area on which the screen is being displayed.

# Flex

- for the reorganization of content based on the size of the viewport

- .container {

   display: flex;
   flex-wrap: wrap;
   }

# Grid

- .grid {
  display: grid;
  grid-column-gap: 20px;
  grid-row-gap: 10px;
  grid-template-columns: 200px 200px auto;
  }

# Bootstrap

- CSS library written to help make clean, responsive, and nice-looking websites without having to remember the gritty details about boxes or grids every time a layout needs to be set up.

- `<link rel="stylesheet" href="https://stackpath.bootstrapcdn.com/bootstrap/4.1.1/css/bootstrap.min.css" integrity="sha384WskhaSGFgHYWDcbwN70/dfYBj47jz9qbsMId/iRN3ewGhXQFZCSftd1LZCfmhktB" crossorigin="anonymous">`

# Reference

- https://getbootstrap.com/docs/4.1/getting-started/introduction/


- https://www.w3schools.com/bootstrap/bootstrap_navbar.asp