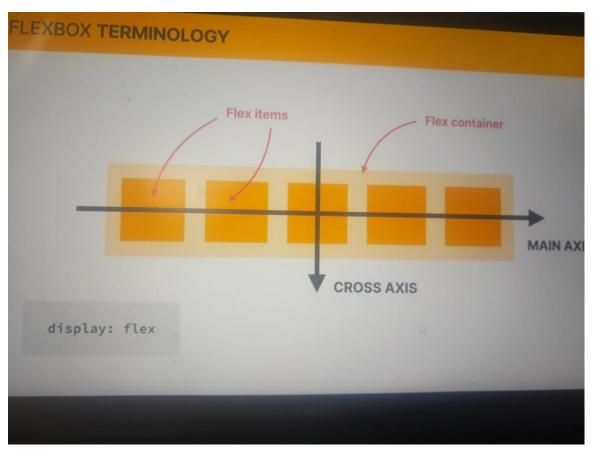
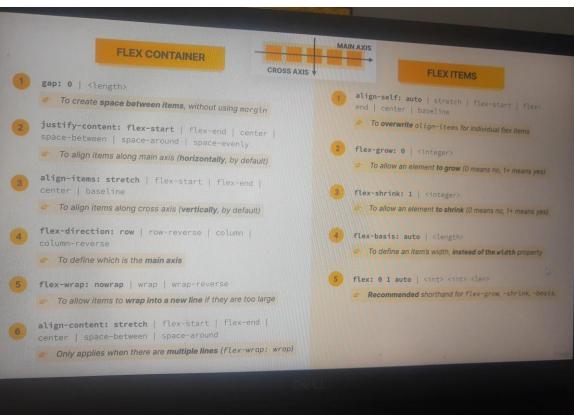


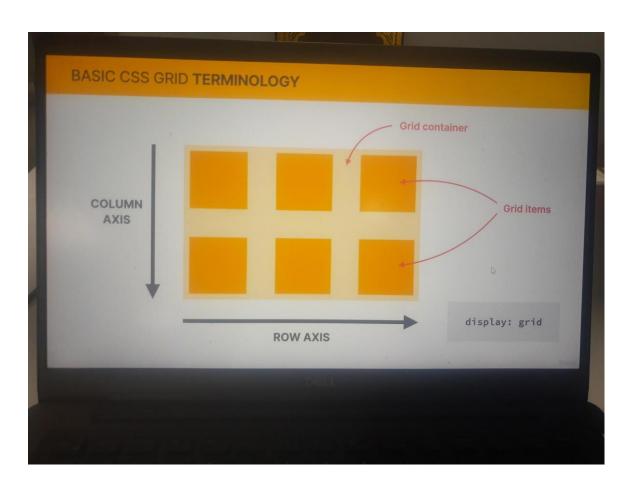
ABSOLUTE POSITIONING VS. FLOATS NORMAL FLOW ABSOLUTE POSITIONING FLOATS Default positioning Element is removed from the # Element is removed from the normal flow: "out of flow" Element is "in flow" normal flow: "out of flow" No impact on surrounding Elements are simply laid out Text and inline elements will elements, might overlap them according to their order in the wrap around the floated HTML code element We use top, bottom, left, or right to offset the element The container will not adjust its from its relatively positioned height to the element container Default positioning position: relative position: absolute float: right

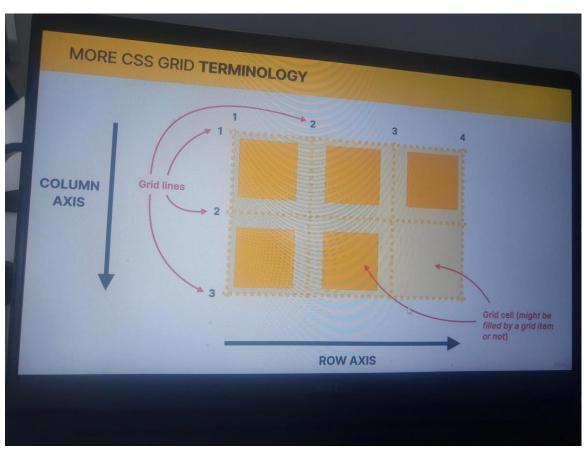
FLEXBOX

- Flexbox is a set of related CSS properties for building 1-dimensional layouts
- The main idea behind flexbox is that empty space inside a container element can be automatically divided by its child elements
- Flexbox makes it easy to automatically align items to one another inside a parent container, both horizontally and vertically
- Flexbox solves common problems such as vertical centering and creating equal-height columns
- Flexbox is perfect for **replacing floats**, allowing us to write fewer and cleaner HTML and CSS code









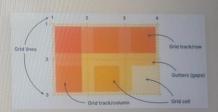
GRID CONTAINER

- grid-template-rows: <track size>*
 grid-template-columns: <track size>*
 - To establish the grid row and column tracks. One length unit for each track. Any unit can be used, new fr fills unused space
- row-gap: 0 | <length>
 column-gap: 0 | <length>
 gap: 0 | <length>
 - To create empty space between tracks
- justify-items: stretch | start | center | end
 align-items: stretch | start | center | end
 - To align items inside rows / columns (horizontally / vertically)
- justify-content: start | start | center | end | ...
 align-content: start | start |, center | end | ...
 - To align entire grid inside grid container. Only applies if container is larger than the grid

GRID ITEMS

- grid-column: <start line> / <end line> | span <number> grid-row: <start line> / <end line> | span <number>
 - To place a grid item into a specific cell, based on line numbers.

 span keyword can be used to span an item across more cells
- justify-self: stretch | start | center | end align-self: stretch | start | center | end
 - To overwrite justify-items / align-items for single items



This list of CSS Grid properties is not exhaustive, but enough to get started.