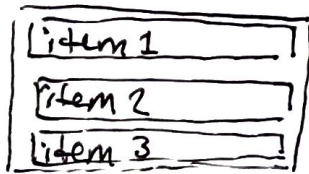## W02 - CSS Review ##

FLEXBOX
   Basic Terms - Flex Container (wrapping for Flex items)
              - Flex items (container's children)

line-up items left to right, right to left, top to bottom, bottom to to
Override display order, automatically set-up sizes to fit space,
Change positioning inside container, horizontal and vertical alignment

- Main axis → default direction of element placement
- Cross axis → perpendicular to main axis
- Main Start and Main End → border where flex container begins and end
- Cross Start and Cross End → borders of cross axis
- Main Size → size of main axis
- Cross Size → size of cross axis

Main axis and cross axis may shuffle based on how
desired display

SETTING UP FLEXBOX - create block and set Property to display: flex;
                  - all child elements of block become flex items.

| item 1 |
| item 2 |
| item 3 |
display: block

| Item 1 | Item 2 | Item 3 |
display: flex

```
<div class="flex-container">
   <div class="flex-item">item 1 </div>
   <div class="flex-item">item 2 </div>
   <div class="flex-item">item 3 </div>
</div>
```

Flexbox:properties display, float, clear, and vertical-align are redundant
              flexbox will ignore

   display: flex only needs to be applied to container

   margin and padding will be based on inner size of parent block

   minimum size of flex item matches minimal size of its content

Orientation and Display order

   flex-direction (belongs to flex container) determines direction
   flex items are placed, defaults to row
      : row-reverse - lines up right-to-left
      : column - lines up in column
      : column-reverse - reverse order in column

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Flex-wrap - Allows control of flex-items overflow

    flex-wrap: nowrap; default value. single row, may overflow
        flex container
    flex-wrap: wrap; sets overflow items to next line
    flex-wrap: wrap-reverse; sets overflow items to line above

Flex-flow - combines flex.direction and flex.wrap

```
.flex-container {                          .flex-container {
  flex-direction: row-reverse;    =          flex-flow: row-reverse  wrap;
  flex-wrap: wrap;                          }
}
```

Order property: default value = 0, sets display order. lower value
    is displayed first.

    If several items have same order value, displayed
    in same order as declared in HTML