Shwe Oak (Htet Thu Win)

CSS Basics:
Element Positioning II

Sponsor

WIN

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position

- Specifies element's positioning method

- Values:

  - **static**: Default. Positioned as defined in document.

  - **absolute**: Positioned relative to its first positioned (not static) ancestor element

  - **fixed**: Positioned relative to the browser window

  - **relative**: Positioned relative to its normal position

position

- Values:
  - **sticky**: Positioned based on the user's scroll position
  - **initial**: Set to browser default value
  - **inherit**: Take the value from its parent element
- Example:

```
p {

    position: fixed;

}
```

top

- Set the top edge position of the positioned element

- Values: auto | *length* | initial | inherit

absolute	Distance from the top edge of element to the top edge of its nearest positioned ancestor
fixed	Distance from the top edge of element to the top edge of the viewport
relative	Distance from the top edge of the element from its normal position
sticky	Display like relative within viewport and like fixed outside viewport
static	No effect

top

* Example:

  p {

      position: relative;

      top: -100px;

  }

right

- Set the right edge position of the positioned element

- Values: auto | *length* | initial | inherit

absolute	Distance from the right edge of element to the right edge of its nearest positioned ancestor
fixed	Distance from the right edge of element to the right edge of the viewport
relative	Distance from the right edge of the element from its normal position
sticky	Display like relative within viewport and like fixed outside viewport
static	No effect

bottom

❖ Set the bottom edge position of the positioned element

❖ Values: auto | *length* | initial | inherit

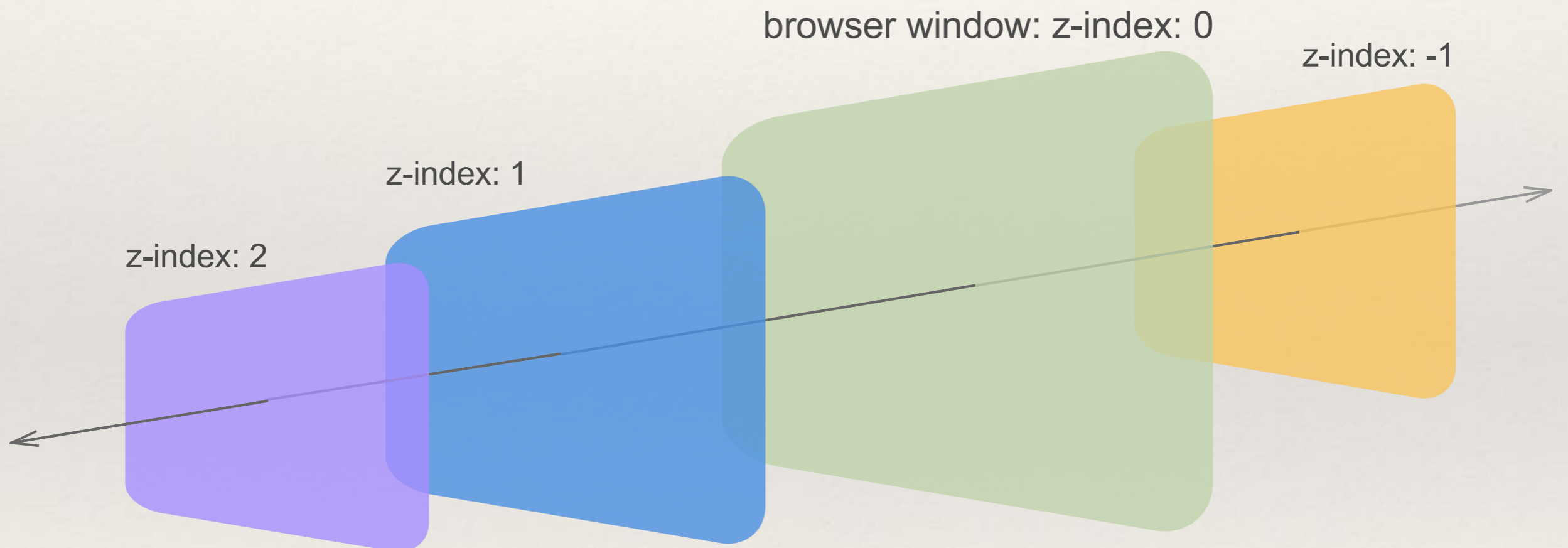| absolute	Distance from the bottom edge of element to the bottom edge of its nearest positioned ancestor
fixed	Distance from the bottom edge of element to the bottom edge of the viewport
relative	Distance from the bottom edge of the element from its normal position
sticky	Display like relative within viewport and like fixed outside viewport
static	No effect

left

- ❖ Set the left edge position of the positioned element

- ❖ Values: auto | *length* | initial | inherit

absolute	Distance from the left edge of element to the left edge of its nearest positioned ancestor
fixed	Distance from the left edge of element to the left edge of the viewport
relative	Distance from the left edge of the element from its normal position
sticky	Display like relative within viewport and like fixed outside viewport
static	No effect

z-index

- Specify stack order of an element

- Only work for positioned element (absolute, relative, fixed, sticky)

- Values: *auto* | *number* | *initial* | *inherit*

z-index

z-index: 2

z-index: 1

browser window: z-index: 0

z-index: -1

More About Positioning

- Position by Chris Coyier (https://css-tricks.com/almanac/properties/p/position/)

- CSS Positioning 101 by Noah Stokes (https://alistapart.com/article/css-positioning-101/)

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Thank you