Positioning

How to change the position of elements

Positioning Elements
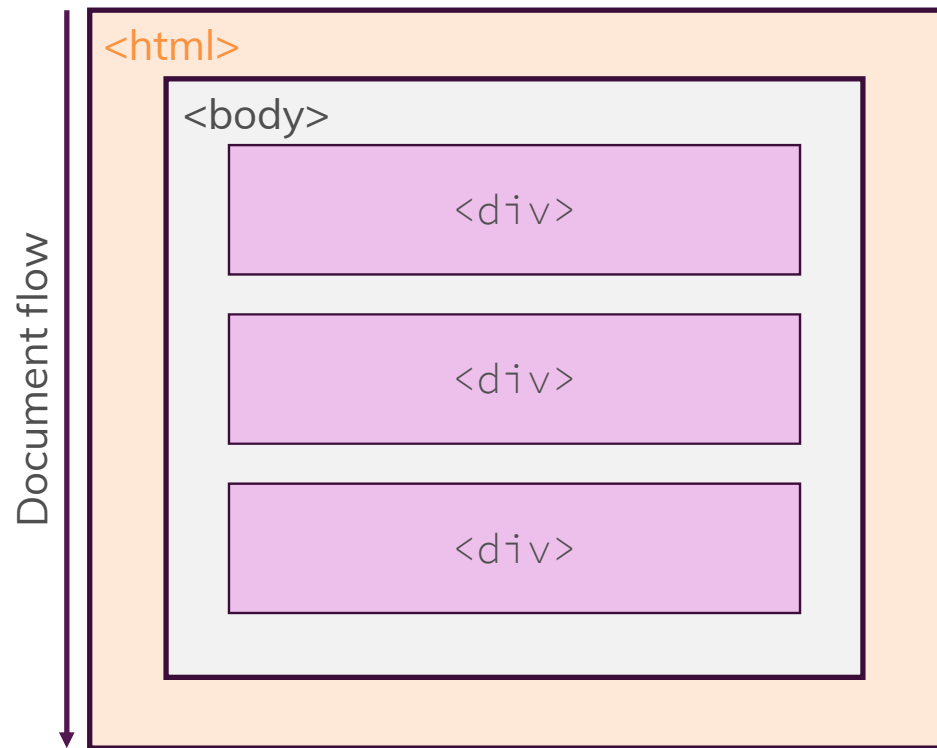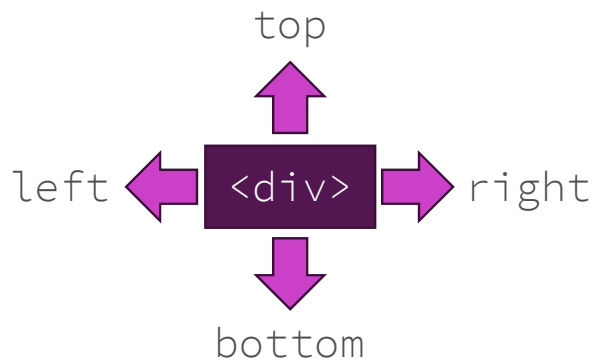
Changing the Position

top

left `<div>` right

bottom

Document Flow

`<html>`

`<body>`

`<div>`

`<div>`

`<div>`

`<div>`

viewport

`<html>`

`<body>`

`<...>`
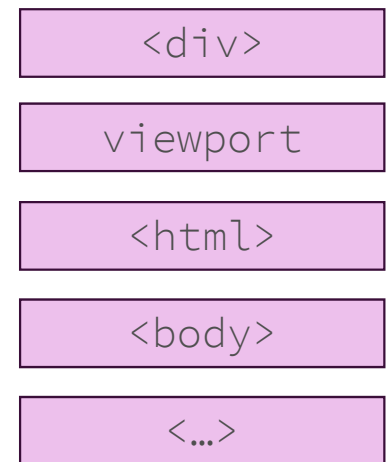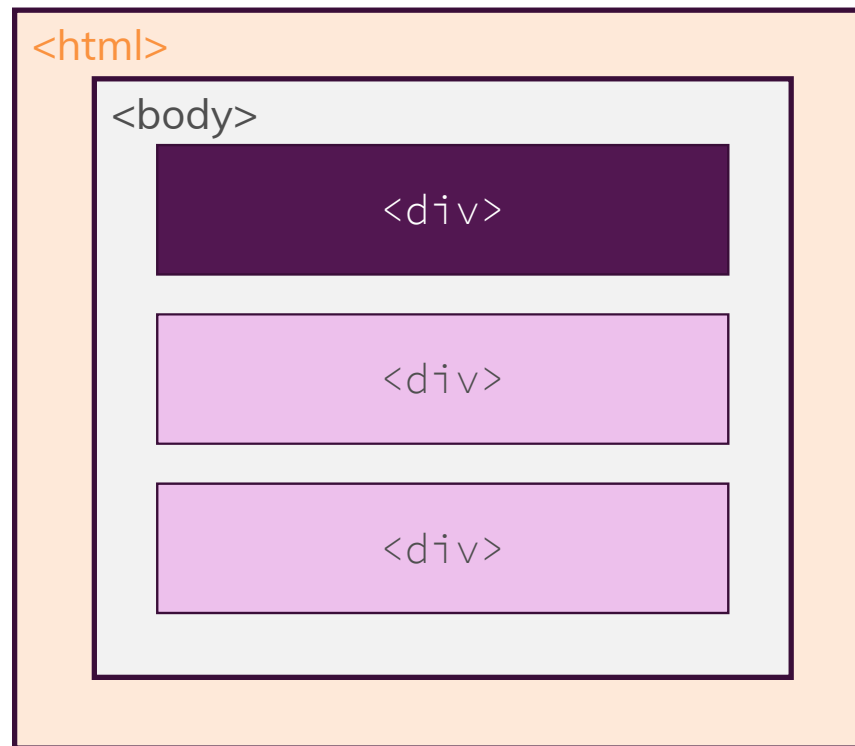
Positioning Context

Summary

The "position" Property

```
static (default)
fixed
absolute
relative
sticky
```

Positioning Context

- Defines the anchor point for your position change
- The viewport for `fixed`
- Another element for `absolute`
- The element itself for `relative`
- The viewport and another element for `sticky`

The "Document Flow"

- The default positioning behaviour of html elements
- Can be changed with `position`
- Elements can remain in the document flow or be excluded from it

Stacking Context

- Created when applying `fixed`/ `sticky` or `absolute`/ `relative` in combination with `z-index`
- Defines stacking behaviour of child elements

Moving Elements

- `top`
- `bottom`
- `left`
- `right`

Z-Index

- Changes the default element positioning along the z-axis
- `auto (0)` as default value
- Changes only possible when `position` is applied
- Larger value = element is positioned on top of other elements