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1 Important Changes From 3 to 4

- New tool: Flexbox. To be discussed later.
- Main unit used switched from px to rem.
- The global font size is by default now 16.
- Now includes a fifth screen-size.
- New utility classes.
- New JS library that needs to be included.

2 Setting up Bootstrap 4

Aforementioned new library: just use a CDN to include. JS libraries *need to be in order*

1. jquery
2. popper - deals with dropdowns and pop-ups
3. base bootstrap JS files

Starter Template Like an HTML boilerplate, but includes Bootstrap as well. Just google for it

3 Colors and Backgrounds

Contextual Color Classes Things like "Danger", "Warning". Not explicit colors but have meaning attached. Have default values that changed in 4. New classes added "Secondary", "Dark" etc.

4 Typography

- Page Headings
Obviously have h1,h2... still but can also use "display-1", "display-2" etc. as classes
- Block Quotes
Using class="blockquote" or class="blockquote text-right"
- Pixels to Rems
A.k.a. Root-ems, a relative unit to the default browser pixel size
This is good because things scale together

5 New Fancy Spacing Utilities

Things like shadows, alignment, margin, padding etc.

1. Class: border (further adjust like border-top, border-primary)
By default a thin, light gray border
2. Class: m, p (m- margin, p- padding)
Pick location with t- top, x- both left and right, b- bottom etc...
Then pick size with 0-5 or Auto, based on rem.

6 Responsive Breakpoints

New Screensizes (XS, S, M, L, XL)

Can selectively pad and margin based on screen size

Like specifying for size M *and above* for M

7 New Navbars

- Can now decide when we want the bar to expand/contract
- Now have control of background color

8 New Display Utility

For hidden/visible content: now have class d-value Ex:

```
class="d-xl-none"
```

will hide the object on large screens