React

Getting started…

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Quiz

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What is a Page Fold?🤔

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What is Event Bubbling?🤔

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How can we optimise the page fold for the following?

```
<html>
    <head></head>
    <body>
        // The below file is 10mb
        <script src="link/to/some/url" type="text/javascript"></script>
        <div>1</div>
        <div>2</div>
        <div>3</div>
    </body>
</html>
```

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How can we optimise the following loop?

```
var sum = 0;

for(var i = 0; i < 100000000; i++) {
    sum += i;
}

console.log(sum);
```

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What is React?🤔

- Single Page Application (SPA)
- Developed by developers at Facebook.😮
- Collection of components forming a tree.🌲

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What is a Component?

- Single piece of re-usable UI that can be simple or complex.

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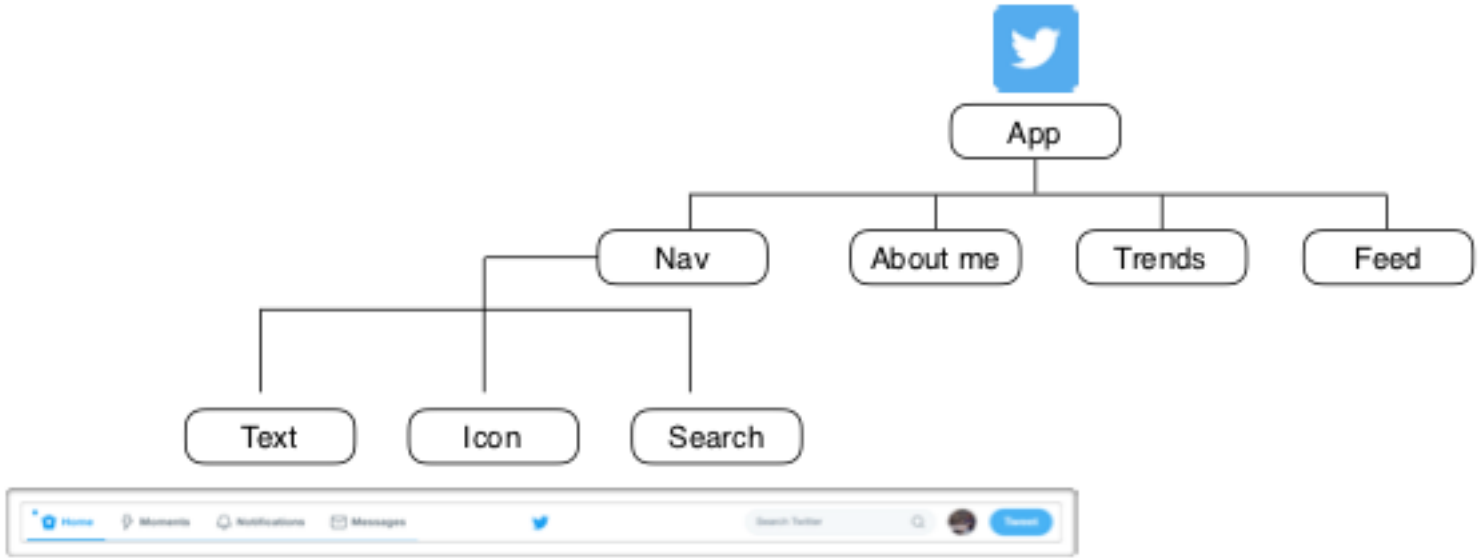

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Let’s code! ⌨️

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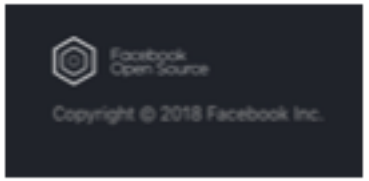
Types of React Components (Styles)

- Stateless (ex - copyright info at the bottom)
- Basic (ex - a timer)
- Interactive (ex - a button)
- Enhanced (ex - a wrapper around a button)



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Assignments (Weekend killer returns 👻)

- https://goo.gl/zZWcht (Read till point #6 - Handling Events)

- https://goo.gl/vfSdu8 (Presentational VS Container Components)

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