1. HTML

```html
<div id="app"></div>

<script src="https://cdn.freecodecamp.org/testable-projects-fcc/v1/bundle.js"></script>
```

2. CSS

```css
* {
  margin: 0;
  padding: 0;
}

body {
  font-family: sans-serif;;
}

h2 {
  font-size: 20px;
  margin: 15px 0;
  color: gray;
}

p {
```

```css
  margin: 0;

  font-size: 20px;

}


.main {

    display: flex;

    width: 100vw;

    height: 100vh;

    justify-content: center;

    align-items: center;

    background-color: #9139b5;

}


#quote-box {

    width: 450px;

    padding: 40px;

    border-radius: 10px;

    background-color: #ffffff;

}


.actions {

    display: flex;

    align-items: center;

}


.main .button,

#tweet-quote{
```

```css
  background-color: #9139b5;

  border-color: #9139b5;

  display: inline-blick;

  border-radius: 5px;

  padding: 5px 10px;

  cursor: pointer;

  font-size: 20px;

  color: #ffffff;
}


#tweet-quote {

  margin-left: 15px;

  padding: 7px 10px;

  text-decoration: none;
}
```

3. JS

```javascript
import * as React from "https://cdn.skypack.dev/react@17.0.1";

import * as ReactDOM from "https://cdn.skypack.dev/react-dom@17.0.1";


const quoteData = [
 { text: `"The purpose of our lives is to be happy."`, author: "Dalai Lama" },
 { text: `"Life is what happens when you're busy making other plans."`, author: "John Lennon" },
 { text: `"Get busy living or get busy dying."`, author: "Stephen King" },
 { text: `"You only live once, but if you do it right, once is enough."`, author: "Mae West" },
```

```jsx
  { text: ` "Many of life's failures are people who did not realize how close they were to success
when they gave up."`, author: "Thomas A. Edison" },
];


const QuoteBox = ({ quote, handleNewQuote }) => (
  <div id="quote-box">
    <p id="text">{quote.text}</p>
    <h2 id="author">{quote.author}</h2>
    <div class="actions">
      <button
        id="new-quote"
        class="button"
        onClick={handleNewQuote}
      >
        New Quote
      </button>
      <a
        href="https://twitter.com/intent/tweet"
        id="tweet-quote"
        target="_blank"
      >
        Tweet
      </a>
    </div>
  </div>
);
```

```
const getRandomIndex = (max) =>

  Math.round(Math.random() * ((quoteData.length-1) - 0) + 0);


const App = () => {

  const [quote, setQuote] = React.useState(quoteData[getRandomIndex()])


  const handleNewQuote = () => {

    setQuote(quoteData[getRandomIndex()])

  }


  return (

    <div class="main">

      <QuoteBox handleNewQuote={handleNewQuote} quote={quote} />

    </div>

  )

}


ReactDOM.render(<App />, document.querySelector("#app"));
```