

COMP6080

Web Front-End Programming

ReactJS & CSS

Various Methods

1. Importing stylesheets directly
2. Using styled-components
3. Using a library like MaterialUI

Importing Stylesheets

This is the simplest method, and has been covered in previous course material.

Using "Styled Components"

```
1 yarn add styled-components
```

Styled components allow us to:

1. Define an HTML element + a series of CSS styles => A ReactJS
2. Compose other Styled Components on top of previous defined components
3. Dynamically defined CSS properties as part of these definitions

We will now demonstrate.

Using a framework like "Material UI"

```
1 yarn add @material-ui/core
```

Material-UI allows us to:

1. Leverage a library of pre-defined components that conform to a standard aesthetic (like Bootstrap)
2. Further stylize those components based on clearly defined rules
3. Use styled-components to compose components