

Let's make a todo list app with React Native!

Components and styling!

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UMN ADC

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Developer mixer this Thursday, Feb 3 from 6-7pm!

Meet potential collaborators!

Officer openings!

- Workshop instructors

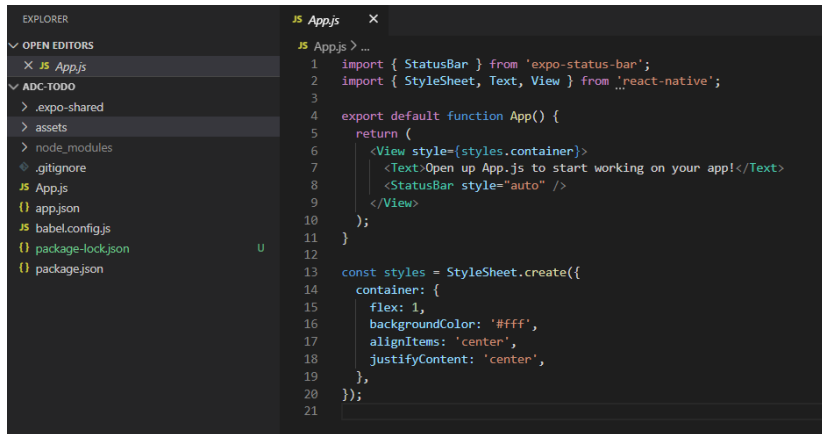
DM us on the discord!

<https://z.umn.edu/ADCdiscord>

We will be following this guide:

<https://github.com/ADC-UMN/todotutorial>. Feel free to go ahead of the workshops at your own pace.

What we're starting with



The screenshot shows the VS Code interface. On the left, the Explorer sidebar displays the project structure: 'OPEN EDITORS' with 'JS App.js' selected, and 'ADC-TODO' with subfolders '.expo-shared', 'assets', 'node_modules', and files '.gitignore', 'App.js', 'app.json', 'babel.config.js', 'package-lock.json', and 'package.json'. The main editor area shows the content of 'App.js' with the following code:

```
JS App.js > ...
1  import { StatusBar } from 'expo-status-bar';
2  import { StyleSheet, Text, View } from 'react-native';
3
4  export default function App() {
5    return (
6      <View style={styles.container}>
7        <Text>Open up App.js to start working on your app!</Text>
8        <StatusBar style="auto" />
9      </View>
10    );
11  }
12
13  const styles = StyleSheet.create({
14    container: {
15      flex: 1,
16      backgroundColor: '#fff',
17      alignItems: 'center',
18      justifyContent: 'center',
19    },
20  });
21
```

Imports

- `Text`
- `View`
- `FlatList`
- `Button`
- `TextInput`
- `StyleSheet`
- `AsyncStorage`
- `ActivityIndicator`

Class component boilerplate

```
export default class App extends React.Component { ... }
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Now let's implement render()!

Constructor and props

Let's look at the documentation to plan out our constructor and how we use our components: <https://reactnative.dev/docs/components-and-apis>

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- FlatList

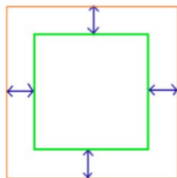
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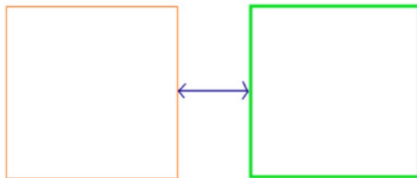
- `FlatList`
- `TextInput` for next workshop!

Let's explore styling in React Native! <https://reactnative.dev/docs/style>

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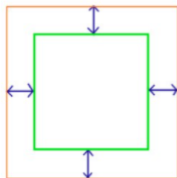


Padding

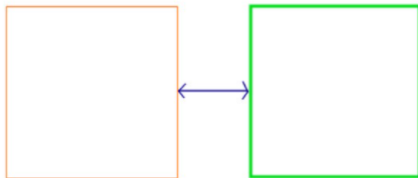


Margin

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Padding



Margin

Flex is also quite confusing... <https://reactnative.dev/docs/flexbox>