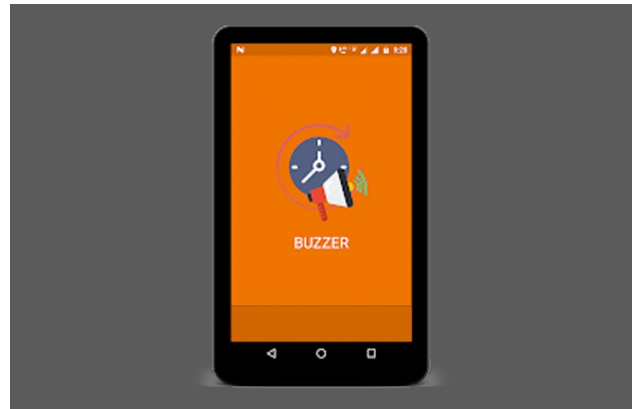


## Wireless Buzzer App



### What we did:

- Created a custom prop for a custom component.
- Wrote a function inside a React Component.
- Executed a function when a Button onPress event happens.

We revised the following:

- Everything inside React native is made up of components - including the app itself.
- We learned how components are created using class and extending the Component class already defined in React library.
- We learned about some of the React Native components - Text, View, Button and their properties.
- We learned how to create our own custom React Native component.

### How we did it:

We added functionality to the button we had created in the previous class.

We also started working on a case study for a problem.

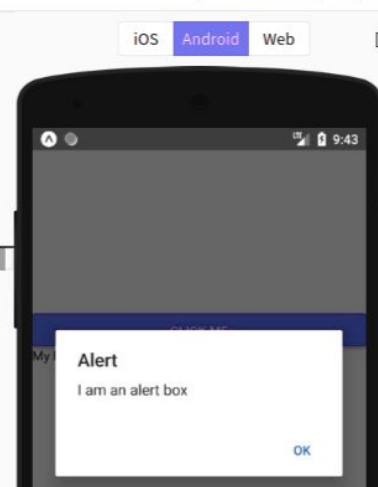
- We wrote code to display an alert box when we click the button in our app.
- Button Component has another prop called 'onPress'. We can use this to call the 'displayAlert' function.
- We used Javascript inside JSX tags. We wrote javascript inside JSX in curly brackets.

vious saves. ✓

```

1  import React, { Component } from 'react';
2  import { Button, View, Text } from 'react-native';
3
4  export default class App extends Component {
5    displayAlert() {
6      alert('I am an alert box');
7    }
8    render() {
9      return (
10       <View style={{ marginTop: 200 }}>
11         <Button title="Click me" color="blue" onPress={this.displayAlert}/>
12         <Text>My First React component</Text>
13       </View>
14     );
15   }
16 }
17

```



There are different styles of writing a function in javascript.

Here inside the arrow function display, 'this' will bind to the App and not the button which will be calling the displayAlert function.

```

1  import React, { Component } from 'react';
2  import { Button, View, Text } from 'react-native';
3
4  export default class App extends Component {
5    displayAlert = () => {
6      alert('I am an alert box');
7    }
8    render() {
9      return (
10       <View style={{ marginTop: 200 }}>
11         <Button title="Click me" color="blue" onPress={this.displayAlert}/>
12         <Text>My First React component</Text>
13       </View>
14     );
15   }
16 }
17

```

We created props for our own custom component.

We named our custom component 'AnyColorButton' and defined our own prop called 'mycolor' on it.

We can give any color value to our color property in the JSX tags. You can directly use the value inside the prop using 'this.props.mycolor'.

We can give this color to the Button component inside 'AnyColorButton'.



### What's next?:

In the next class, you will continue to make Wireless Quiz Buzzer App. Using this app you can play Quiz in your school!