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Notes

React Native Styling

1. Styling overview.

- a. One of the built-in components. Most commonly used built-in components for styling are:
 - 1. Text
 - 2. View
 - 3. ScrollView
 - 4. StyleSheet
- b. Each component has its own similarities and differences.
- c. Styling is similar to CSS but with different syntax approach to React Native.

2. Applying styles.

- a. There are three ways to apply styling in React Native.
 - 1. The Inline Style:

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2. The Reference Style:

```
Reference Style
import React, {Component} from 'react';
import {StyleSheet, View, Text} from 'react-native';
export default class App extends Component {
render () {
 return (
    <View style={styles.container}>
      style={[styles.message,styles.warning]}>
       Some Text
     </Text>
    </View>
       );
}
const styles = StyleSheet.create({
 container: {
    marginLeft: 20
  message: {
     fontSize: 18
 },
  warning: {
     color: 'red'
});
```

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3. The External Style:

```
External Style
                      Styles.js
import {StyleSheet} from 'react-native';
const mystyle = StyleSheet.create({
   container: {
      marginTop: 150,
      backgroundColor: '#ededed',
      flexWrap: 'wrap'
 });
 const mybutton = StyleSheet.create({
    primary: {
      flex: 1,
      height: 70,
      backgroundColor: 'red',
      justifyContent: 'center',
      alignItems: 'center',
      marginLeft: 20,
      marginRight: 20
 });
export {mystyle, mybutton}
                        App.js
import {mystyle, mybutton} from './component/styles';
import {TouchableHighlight} from 'react-native';
  <View style={mystyle.container}>
   <TouchableHighlight style={mybutton.primary}/>
   </TouchableHighlight>
  </View>
```

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3. An Example of Component Styling.

```
Home.js
import React, {Component} from 'react';
import {View} from 'react-native';
import PresentationalComponent from
'./PresentationalComponent';
export default class Home extends Component {
constructor(){
   super();
     this.state = {
      myState: 'This is my state';
}
render(){
  return(
   <View>
     <PresentationalComponent value=</pre>
      {this.state.myState}/>
   </View>
  );
  }
```

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```
PresentationalComponent.js
import React,{Component} from 'react';
import {Text,View,StyleSheet} from 'react-
native';
export default const PresentationalComponent =
(props) => {
 return(
  <View>
   <Text style={styles.myStyle}>
   {props.value}
   </Text>
  </View>
  );
}
const styles = StyleSheet.create({
   myStyle: {
    marginTop: 20,
    textAlign: 'center',
    color: 'blue',
    fontWeight: 'bold',
    fontSize: 20
});
```

4. References

- a. Dabit, N. (2018). *React Native in Action*. New York, NY: Manning Publications Co.
- b. Facebook Inc. React Native Reference, version 0.57. Available at https://facebook.github.io/react-native/