Notes

React Native Styling

1. Styling overview.

- a. One of the built-in components. Most commonly used built-in components for styling are:
 - Text
 - View
 - ScrollView
 - 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.

Main Points/Key Points

Notes

React Native Styling

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

React Native Styling

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

Summary

</TouchableHighlight>

</View>

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Main	Points.	/Κρν	Points
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3. An Example to 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>
  );
  }
```

Main Points/Key Points

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React Native Styling

```
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/