Main Points/Key Points	Notes

	React Native ScrollView
	
	1. What is ScrollView?
	    a. A scrolling container includes multiple components and views. The scroll works on both vertical and horizontal views.
	
	    b. A `ScrollView` can be configured to allow paging though views by using swiping gesture. It requires `pagingEnabled` props. For Android, the paging can be implemented by using `ViewPagerAndroid`.
	
	    c. A `ScrollView` with a single item allow users to zoom the content by setting up the following props:
	        • `maximumZoomScale` – Allow to pinch for zooming in.
	        • `minimumZoomScale` – Allow to expand for zooming out.
	
	    d. To use `ScrollView` component you need to import `ScrollView` component:

<div align="center">

Import ScrollView Component

```
import React, {Component} from 'react';
import {ScrollView} from 'react-native';
```

</div>

	e. Refer to Example (ScrollView) for implementation. f. Complete list of props can be found at https://facebook.github.io/react-native/docs/scrollview.html
	Summary

Main Points/Key Points	Notes
	React Native ScrollView

2. ScrollView vs. FlatList (List View).

    a. `ScrollView` works best to present a small of data in a limited screen size. All elements within `ScrollView` will be rendered, even it is not shown on the screen.

    b. `FlatList` (List View) allows more contents to fit in a screen and only render data that are on the screen. Any off screen data will be removed automatically.

    c. `FlatList` performance is better than `ScrollView`.

3. 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/

Summary

Example (ScrollView)

```
import React, { Component } from 'react';
import { AppRegistry, ScrollView, Image, Text } from 'react-native';

export default class ScrollViewDemo extends Component {
  render() {
      return (
        <ScrollView>
          <Text style={{fontSize:96}}>Scroll me plz</Text>
          <Image source={require('/react-native/img/favicon.png')} />
          <Image source={require('/react-native/img/favicon.png')} />
          <Image source={require('/react-native/img/favicon.png')} />
          <Image source={require('/react-native/img/favicon.png')} />
          <Image source={require('/react-native/img/favicon.png')} />
          <Text style={{fontSize:96}}>If you like</Text>
          <Image source={require('/react-native/img/favicon.png')} />
          <Image source={require('/react-native/img/favicon.png')} />
          <Image source={require('/react-native/img/favicon.png')} />
          <Image source={require('/react-native/img/favicon.png')} />
          <Image source={require('/react-native/img/favicon.png')} />
          <Text style={{fontSize:96}}>Scrolling down</Text>
          <Image source={require('/react-native/img/favicon.png')} />
          <Image source={require('/react-native/img/favicon.png')} />
          <Image source={require('/react-native/img/favicon.png')} />
          <Image source={require('/react-native/img/favicon.png')} />
          <Image source={require('/react-native/img/favicon.png')} />
          <Text style={{fontSize:96}}>What's the best</Text>
          <Image source={require('/react-native/img/favicon.png')} />
          <Image source={require('/react-native/img/favicon.png')} />
          <Image source={require('/react-native/img/favicon.png')} />
          <Image source={require('/react-native/img/favicon.png')} />
          <Text style={{fontSize:96}}>Framework around?</Text>
          <Image source={require('/react-native/img/favicon.png')} />
          <Image source={require('/react-native/img/favicon.png')} />
          <Image source={require('/react-native/img/favicon.png')} />
          <Image source={require('/react-native/img/favicon.png')} />
          <Image source={require('/react-native/img/favicon.png')} />
          <Text style={{fontSize:80}}>React Native</Text>
        </ScrollView>
    );
  }
}
```