

Main Points/Key Points	Notes
	<p style="text-align: center;"><b>React Native ScrollView</b></p> <p><b>1. What is ScrollView?</b></p> <ol style="list-style-type: none"> <li>i. A scrolling container includes multiple components and views. The scroll works on both vertical and horizontal views.</li> <li>ii. A ScrollView can be configured to allow paging though views by using swiping gesture. It requires <code>pagingEnabled</code> props. For Android, the paging can be implemented by using <code>ViewPagerAndroid</code>.</li> <li>iii. A ScrollView with a single item allow users to zoom the content by setting up the following props: <ul style="list-style-type: none"> <li>• <code>maximumZoomScale</code> – Allow to pinch for zooming in.</li> <li>• <code>minimumZoomScale</code> – Allow to expand for zooming out.</li> <li>• <code>import { ScrollView } from 'react-native';</code></li> </ul> </li> <li>iv. Complete list of props can be found at <a href="https://facebook.github.io/react-native/docs/scrollview.html">https://facebook.github.io/react-native/docs/scrollview.html</a></li> </ol> <p><b>2. ScrollView vs. FlatList (List View).</b></p> <ol style="list-style-type: none"> <li>i. 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.</li> <li>ii. 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.</li> <li>iii. FlatList performance is better than ScrollView.</li> <li>iv. Refer to Example (ScrollView)</li> </ol> <p style="text-align: center;">Summary</p>

## 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')} />
        <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>
    );
  }
}

// skip these lines if using Create React Native App
AppRegistry.registerComponent(
  'AwesomeProject',
  () => ScrollViewDemo);
```