

Main Points/Key Points	Notes
	<p style="text-align: center;">React Native Flexbox</p> <p>1. What is Flexbox?</p> <ol style="list-style-type: none"> a. Flexbox is designed to provide a consistent layout on different screen sizes. b. Flexbox contains three(3) properties: <ul style="list-style-type: none"> • flexDirection – <i>Determines the primary axis of the layout.</i> <ul style="list-style-type: none"> ▪ Values – ‘column’, ‘row’. • justifyContent – <i>Determines the distribution of the elements inside the container.</i> <ul style="list-style-type: none"> ▪ Values – ‘center’, ‘flex-start’, ‘flex-end’, ‘space-around’, ‘space-between’. • alignItems – <i>Determines the alignment of the elements along the secondary axis.</i> <ul style="list-style-type: none"> ▪ Values – ‘center’, ‘flex-start’, ‘flex-end’, ‘stretched’. c. Refer to the example below. <p>2. Height, Width and Flex Dimensions.</p> <ol style="list-style-type: none"> a. Height and Width determine the fixed size of the component on the screen. b. The unit for height and weight is unit less and represents using density-independent pixels. c. Flex dimension flex: 1 will allow the component to shrink and expand dynamically based on available space.
	Summary

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	<p style="text-align: center;">React Native Flexbox</p> <p>3. Example</p> <div style="border: 1px solid black; padding: 10px; margin: 10px 0;"> <p style="text-align: center;">Flexbox</p> <pre> import React, { Component } from 'react'; import { View } from 'react-native'; export default class App extends Component { render() { return (<View style={{flex: 1, flexDirection: 'row'}}> <View style={ {width: 50, height: 50, backgroundColor: 'powderblue'} } /> <View style={ {width: 50, height: 50, backgroundColor: 'skyblue'} } /> <View style={ {width: 50, height: 50, backgroundColor: 'steelblue'} } /> </View>); } }; </pre> </div> <p>4. References</p> <ol style="list-style-type: none"> a. Dabit, N. (2018). <i>React Native in Action</i>. New York, NY: Manning Publications Co. b. Facebook Inc. React Native Reference, version 0.57. Available at https://facebook.github.io/react-native/
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