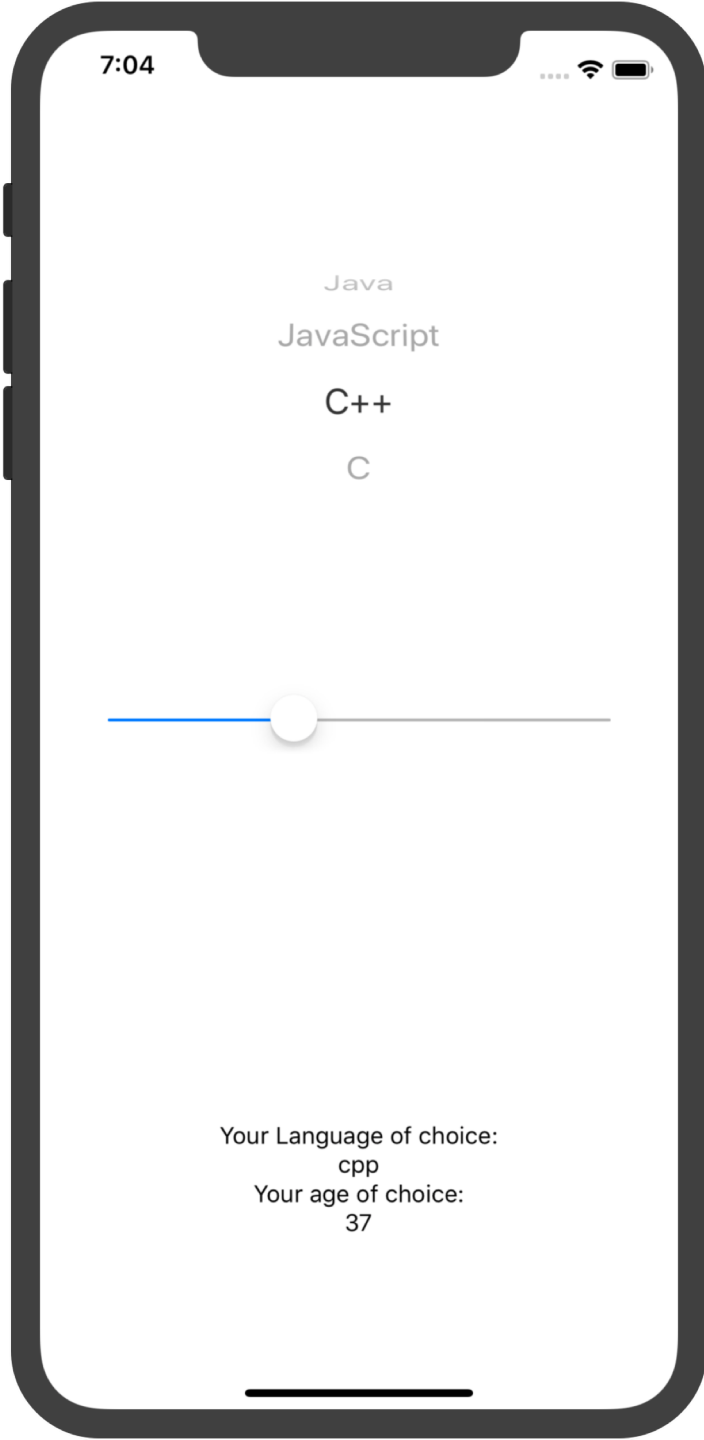


# React Native

Sliders and Pickers



7:04



Java  
JavaScript  
C++  
C

Picker

Slider



Your Language of choice:  
cpp  
Your age of choice:  
37

# Picker & Slider

```
import React from 'react';  
import { StyleSheet, Text, View, Slider, Picker } from 'react-native';
```

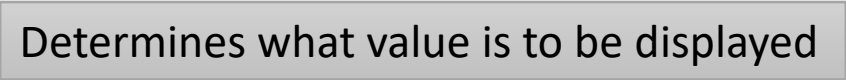
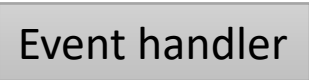
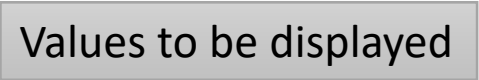
```
export default class App extends React.Component {
```

```
  constructor(props){  
    super(props);  
    this.state = { language: 'Java', age: 23};  
  }
```

Picker will change “language” state, slider will change “age” state

```
  render() {  
    return (  
      <View style={styles.container}>  
        <View style={styles.row}>
```

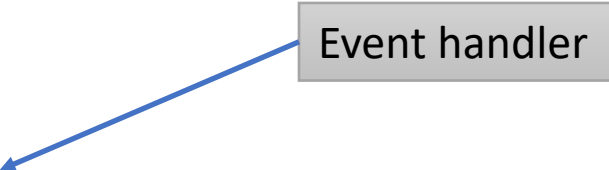
# Picker

```
<View style={styles.row}>  
  <Picker  
    selectedValue={this.state.language}   
    style={{ height: 50, width: 100 }}   
    onChange={({itemValue, itemIndex}) => this.setState({language: itemValue})}>  
    <Picker.Item label="Java" value="java" />  
    <Picker.Item label="JavaScript" value="js" />  
    <Picker.Item label="C++" value="cpp" />  
    <Picker.Item label="C" value="C" />  
    <Picker.Item label="Python" value="python" />   
  </Picker>  
</View>
```

The image shows a code snippet for a Picker component with several annotations. A blue arrow points from a grey box labeled "Determines what value is to be displayed" to the `selectedValue` prop. Another blue arrow points from a grey box labeled "Event handler" to the `onChange` prop. A blue bracket on the right side groups the `<Picker.Item>` elements, with a grey box labeled "Values to be displayed" pointing to it.

# Slider

```
<View style={styles.row}>  
  <Slider  
    style={{ width: 300 }}  
    step={1}  
    minimumValue={18}  
    maximumValue={71}  
    value={this.state.age}  
    onChange={val => this.setState({ age: val })}  
  />
```



The diagram consists of a blue arrow pointing from a grey rectangular box labeled "Event handler" to the `onChange` prop in the `Slider` component's code. The box is positioned to the right of the code, and the arrow points diagonally down and to the left towards the `onChange` prop.

# Rest of the code

```
<View style={styles.row}>
  <Text>Your Language of choice:</Text>
  <Text>{this.state.language}</Text>
  <Text>Your age of choice:</Text>
  <Text>{this.state.age}</Text>
</View>
</View>
); }}
const styles = StyleSheet.create({
  container: {
    flex: 1, backgroundColor: '#fff', alignItems: 'center', justifyContent: 'space-between',
  },
  row: {
    flex: 2, backgroundColor: '#FFFFFF', alignItems: 'center', justifyContent: 'center',
  }
});
```