Lesson:

Text Component

The Text component in React Native is used to display text content on the screen. It allows you to style and format text using various properties and CSS-like styles.

Here are a few examples of using the Text component:

Example 1: Basic Text

```
1   import React from 'react';
2   import { View, Text, StyleSheet } from 'react-native';
3
4   const App = () => {
5     return (
6       <View style={styles.container}>
7         <Text style={styles.text}>Hello, React Native!</Text>
8       </View>
9     );
10  };
11
12  const styles = StyleSheet.create({
13    container: {
14      flex: 1,
15      justifyContent: 'center',
16      alignItems: 'center',
17    },
18    text: {
19      fontSize: 24,
20      fontWeight: 'bold',
21    },
22  });
23
24  export default App;
```

In this example, we have a parent **View** component called **container** which is styled to center its content. Inside the **container**, there's a Text component displaying the text "Hello, React Native!". The **Text** component is styled with a font size of 24 and a bold font weight.

Hello, React Native!

Example 2: Text Styling

```
1   import React from 'react';
2   import { View, Text, StyleSheet } from 'react-native';
3
4   const App = () => {
5     return (
6       <View style={styles.container}>
7         <Text style={[styles.text, styles.bold]}>Hello</Text>
8         <Text style={[styles.text, styles.italic]}>React</Text>
9         <Text style={[styles.text, styles.underline]}>Native</Text>
10      </View>
11    );
12  };
13
14  const styles = StyleSheet.create({
15    container: {
16      flex: 1,
17      justifyContent: 'center',
18      alignItems: 'center',
19    },
20    text: {
21      fontSize: 24,
22    },
23    bold: {
24      fontWeight: 'bold',
25    },
26    italic: {
27      fontStyle: 'italic',
28    },
29    underline: {
30      textDecorationLine: 'underline',
31    },
32  });
33
34  export default App;
```

In this example, we have a parent View component called container which is styled to center its content. Inside the container, there are three Text components, each with a different text styling. The first Text component is styled with a bold font weight, the second one is styled with an italic font style, and the third one is styled with an underline text decoration.

Hello
React
<u>Native</u>

Example 3: Text with Line Breaks

```
1   import React from 'react';
2   import { View, Text, StyleSheet } from 'react-native';
3
4   const App = () => {
5     return (
6       <View style={styles.container}>
7         <Text style={styles.text}>
8           Lorem ipsum dolor sit amet, consectetur adipiscing elit.{'\n'}
9           Pellentesque eu diam at mi aliquam egestas.{'\n'}
10          Vestibulum ante ipsum primis in faucibus orci luctus et ultrices posuere cubilia Curae
11        </Text>
12      </View>
13    );
14  };
15
16  const styles = StyleSheet.create({
17    container: {
18      flex: 1,
19      justifyContent: 'center',
20      alignItems: 'center',
21    },
22    text: {
23      fontSize: 16,
24      textAlign: 'center',
25      lineHeight: 24,
26    },
27  });
28
29  export default App;
```

In this example, we have a parent **View** component called **container** which is styled to center its content. Inside the **container**, there's a **Text** component displaying a multiline text with line breaks. By using the **{'\ \n'}** character, we can add line breaks within the text content

Lorem ipsum dolor sit amet, consectetur adipiscing
elit.
Pellentesque eu diam at mi aliquam egestas.
Vestibulum ante ipsum primis in faucibus orci luctus
et ultrices posuere cubilia Curae;