**Solution: Create a TextInput Component**

**Overview**

In this reading, you will review the solution code for the exercise.

The code block below outlines the outcome of the exercise in its entirety.

***WelcomeScreen.js***

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import React, { useState } from 'react';

import { ScrollView, Text, StyleSheet, TextInput } from 'react-native';

export default function WelcomeScreen() {

  const [firstName, onChangeFirstName] = useState('');

  return (

    <ScrollView style={styles.container}>

      <Text style={styles.headerText}>Welcome to Little Lemon</Text>

      <Text style={styles.regularText}>

        Little Lemon is a charming neighborhood bistro that serves simple food

        and classic cocktails in a lively but casual environment. We would love

        to hear more about your experience with us!

      </Text>

      <TextInput

        style={styles.inputBox}

        value={firstName}

        onChangeText={onChangeFirstName}

        placeholder={'First Name'}

      />

    </ScrollView>

  );

}

const styles = StyleSheet.create({

  container: {

    flex: 1,

  },

  headerText: {

    padding: 40,

    fontSize: 30,

    color: '#EDEFEE',

    textAlign: 'center',

  },

  regularText: {

    fontSize: 24,

    padding: 20,

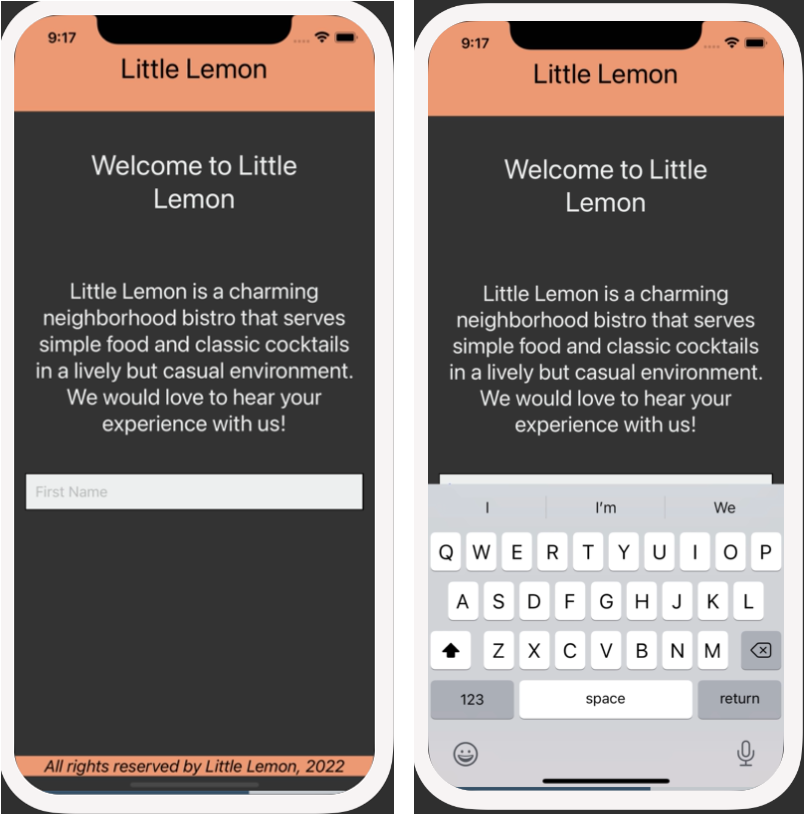
    marginVertical: 8,

    color: '#EDEFEE',

    textAlign: 'center',

  },

The code above will produce the following output on the emulator:



**Procedure**

Next, review the breakdown of the individual steps below.

**Step 1: Configure TextInput component on the Welcome Screen.**

On the Welcome Screen, configure the **TextInput** component to accept user’s input.

First, import **TextInput** from React Native:

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import { ScrollView, Text, StyleSheet, TextInput } from 'react-native';

Then, configure the **TextInput** component*:*

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<TextInput

     value={firstName}

     onChangeText={onChangeFirstName}

     placeholder={'First Name'}

  />

**Step 2: Store user input within TextInput as local state**

In this step, make sure to import the **useState** hook from React and create a local state for storing the user’s name that is being entered in the text input box.

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import React, { useState } from 'react';

const [firstName, onChangeFirstName] = useState('');

**Step 3: Style the component**

Once you have coded a working component, it is time to style it. In this step, you will style the **TextInput** component to match the screenshots above.

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  );

}

const styles = StyleSheet.create({

  container: {

    flex: 1,

  },

  headerText: {

    padding: 40,

    fontSize: 30,

    color: '#EDEFEE',

    textAlign: 'center',

  },

  regularText: {

    fontSize: 24,

    padding: 20,

    marginVertical: 8,

    color: '#EDEFEE',

    textAlign: 'center',

  },

  inputBox: {

    height: 40,

    margin: 12,

    borderWidth: 1,

    padding: 10,

    fontSize: 16,

    borderColor: 'EDEFEE',

    backgroundColor: '#EDEFEE',

  },

});

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