Main Points/Key Points	Notes
	React Native Text Input

1. What is Text Input?

    a. `TextInput` is a component available in React Native to allow user to enter text using Android or iOS keyboard.

    b. `TextInput` contains a few props but these are the most commonly used props in handling `TextInput`:

- `onChangeText` – *A function is called whenever the text is changed.*
- `onSubmitEditing` – *A function is called whenever the text is submitted.*
- `onFocus` – *A function to highlight the active TextInput field.*
- `multiline={true/false}` – *To allow input with multiple lines, which is similar to* `<textarea>…</textarea>`

    c. To use `TextInput` component you need to import `TextInput` component:

Import TextInput Component

```
import React, {Component} from 'react';
import {TextInput} from 'react-native';
```

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    d. Complete list of props can be found at https://facebook.github.io/react-native/docs/textinput.html

    e. Refer to Example (Input) for `TextInput` implementation.

	Summary

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	2. References
	a. Dabit, N. (2018). *React Native in Action*. New York, NY: Manning Publications Co.
	b. Facebook Inc. React Native Reference, version 0.57. Available at https://facebook.github.io/react-native/
	Summary

Example (Inputs)

```
import React, { Component } from 'react'
import { View, Text, TouchableOpacity, TextInput, StyleSheet } from 'react-native'

export default class Inputs extends Component {
    state = {
        email: '',
        password: ''
    }
    handleEmail = (text) => {
        this.setState({ email: text })
    }
    handlePassword = (text) => {
        this.setState({ password: text })
    }
    login = (email, pass) => {
        alert('email: ' + email + ' password: ' + pass)
    }
    render(){
        return (
            <View style = {styles.container}>
                <TextInput style = {styles.input}
                    underlineColorAndroid = "transparent"
                    placeholder = "Email"
                    placeholderTextColor = "#9a73ef"
                    autoCapitalize = "none"
                    onChangeText = {this.handleEmail}/>

                <TextInput style = {styles.input}
                    underlineColorAndroid = "transparent"
                    placeholder = "Password"
                    placeholderTextColor = "#9a73ef"
                    autoCapitalize = "none"
                    onChangeText = {this.handlePassword}/>

                <TouchableOpacity
                    style = {styles.submitButton}
                    onPress = {
                        () ⇒ this.login(this.state.email, this.state.password)
                    }>
                    <Text style = {styles.submitButtonText}> Submit </Text>
                </TouchableOpacity>
            </View>
        )
    }
}

const styles = StyleSheet.create({
    container: {
        paddingTop: 23
    },
    input: {
        margin: 15,
        height: 40,
        borderColor: '#7a42f4',
        borderWidth: 1
    },
    submitButton: {
        backgroundColor: '#7a42f4',
        padding: 10,
        margin: 15,
        height: 40,
    },
    submitButtonText:{
        color: 'white'
    }
})
```