

Exemplo 5

Index.js

```
1  import { useState } from 'react';
2  import { View, Text, Pressable, TextInput } from 'react-native';
3
4  import styles from './styles';
5
6  export default function Exemplo5() {
7
8      const [isFocusN1, setIsFocusN1] = useState(false);
9      const [isFocusN2, setIsFocusN2] = useState(false);
10     const [isFocusTotal, setIsFocusTotal] = useState(false);
11     const [n1, setN1] = useState(0);
12     const [n2, setN2] = useState(0);
13     const [total, setTotal] = useState('');
14
15     function soma() {
16         setTotal(parseFloat(n1) + parseFloat(n2));
17     }
18
19     return (
```

```
20     <View style={styles.container}>
21         <Text style={styles.titulo}> Exemplo 5 </Text>
22
23         <Text style={styles.txtSaida}> Calculadora básica </Text>
24
25         <Text style={styles.textLabel}> 1º número </Text>
26         <TextInput
27             style={
28                 [
29                     styles.txtEntrada,
30                     isFocusN1 ?
31                         {
32                             borderColor: '#C51162',
33                             outline: 'none',
34                         }
35                     :
36                     {}
37                 ]
38             }
39             onFocus={() => setIsFocusN1(true)}
40             onBlur={() => setIsFocusN1(false)}
41             onChangeText={(num1) => setN1(num1)}
42             value={n1}
43             // keyboardType='numeric'
44
45         />
46
47         <Text style={styles.txtSaida}> + </Text>
48
49         <Text style={styles.textLabel}> 2º número </Text>
```

```

50 <TextInput
51   style={
52     [
53       styles.txtEntrada,
54       isFocusN2 ?
55         {
56           borderColor: '#C51162',
57           outline: 'none',
58         }
59       :
60       {}
61     ]
62   }
63   onFocus={() => setIsFocusN2(true)}
64   onBlur={() => setIsFocusN2(false)}
65   onChangeText={(num2) => setN2(num2)}
66   value={n2}
67 />
68
69 <Text style={[styles.txtSaida, { margin: 0 }]}> = </Text>
70
71 <Text style={styles.textLabel}> Total </Text>

```

```

72 <TextInput
73   style={
74     [
75       styles.txtEntrada,
76       isFocusTotal ?
77         {
78           borderColor: '#C51162',
79           outline: 'none',
80         }
81       :
82       {}
83     ]
84   }
85   onFocus={() => setIsFocusTotal(true)}
86   onBlur={() => setIsFocusTotal(false)}
87   editable={false}
88   value={total ? parseFloat(total).toFixed(2) : ''}
89 />
90
91 <Pressable
92   onPress={() => soma()}
93   style={
94     ({pressed}) => pressed ?
95       [styles.button, styles.buttonTouch]
96     :
97       styles.button
98   }
99 >
100   <Text style={styles.textButton}> + </Text>
101 </Pressable>
102
103 </View>
104 );
105 }

```

styles.js

```
1  import { StyleSheet } from 'react-native';
2
3  const styles = StyleSheet.create({
4    container: {
5      flex: 1,
6      justifyContent: 'center',
7      backgroundColor: '#FF80AB',
8      padding: 8,
9      width: '100%',
10     borderRadius: 20,
11   },
12   titulo: {
13     margin: 6,
14     fontSize: 30,
15     fontWeight: 'bold',
16     textAlign: 'center',
17     color: '#C51162',
18   },
19   txtSaida: {
20     margin: 6,
21     fontSize: 22,
22     fontWeight: 'bold',
23     textAlign: 'center',
24     color: '#E91E63',
25   },
26   txtEntrada: {
27     borderWidth: 4,
28     textAlign: 'center',
29     fontSize: 22,
30     borderColor: '#E91E63',
31     // height: 50,
32     color: '#E53935',
33     borderRadius: 10,
34     marginTop: 10,
35     padding: 10
36   },
37   button: {
38     backgroundColor: '#E91E63',
39     height: 60,
40     justifyContent: 'center',
41     borderRadius: 10,
42     marginTop: 20,
43     width: '100%',
44   },
45   buttonTouch: {
46     backgroundColor: '#C51162',
47   },
48   textButton: {
49     fontSize: 30,
50     color: '#FF80AB',
51     textAlign: 'center',
52   },
53   textLabel: {
54     fontSize: 16,
55     fontWeight: 'bold',
56     color: '#C51162',
57   },
58 });
59
60 export default styles;
```