Ex1-

import { StatusBar } from 'expo-status-bar';

import { useState } from 'react';

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

import { Button, TextInput } from 'react-native';

export default function App() {

const [num1, setNum1] = useState('');

const [num2, setNum2] = useState('');

const [resultado, setResultado] = useState('');

const calcular = () => {

const n1 = parseFloat(num1);

const n2 = parseFloat(num2);

if (isNaN(n1) || isNaN(n2)) {

setResultado('Entrada inválida');

return;

}

setResultado(n2 !== 0 ? n1 / n2 : 'Erro: Divisão por zero');

return;

}

return (

<*View* *style*={styles.container}>

<*Text* *style*={styles.title}>

Calculadora de velocidade

</*Text*>

<*TextInput*

*placeholder*="Espaço em Km"

*keyboardType*='numeric'

*value*={num1}

*onChangeText*={(*text*) => setNum1(*text*)}

*style*={styles.input}

/>

<*TextInput*

*placeholder*="Tempo em hora"

*keyboardType*='numeric'

*value*={num2}

*onChangeText*={(*text*) => setNum2(*text*)}

*style*={styles.input}

/>

<*Button* *title*="Calcular" *onPress*={() => calcular()} />

<*Text* *style*={styles.result}>{resultado}Km/h</*Text*>

<*StatusBar* *style*="auto" />

</*View*>

);

}

const styles = *StyleSheet*.create({

container: {

flex: 1,

backgroundColor: '#fff',

alignItems: 'center',

justifyContent: 'center',

},

input: {

borderWidth: 1,

padding: 5,

},

title: {

fontSize: 24, fontWeight: 'bold', color: '#333',

marginBottom: 20,

},

result: {

fontSize: 20, fontWeight: 'bold',

color: '#333',

}

});

Ex2

import { StatusBar } from 'expo-status-bar';

import { useState } from 'react';

import { StyleSheet, Text, TouchableOpacity, View } from 'react-native';

import { TextInput } from 'react-native-web';

export default function App() {

const [massa, setMassa]=useState();

const [acel, setAcel]=useState();

const [forca, setForca]=useState();

const Calc = () =>{

const m = parseFloat(massa);

const a = parseFloat(acel);

const f = m \* a;

setForca(f);

}

return (

<*View* *style*={styles.container}>

<*Text*>Calculo de força</*Text*>

<*TextInput*

*placeholder*= "Digite a massa"

*value*={massa}

*onChangeText*={(*Text*) => setMassa(*Text*)}

/>

<*TextInput*

*placeholder*= "Digite a aceleração"

*value*={acel}

*onChangeText*={(*Text*) => setAcel(*Text*)}

/>

<*TouchableOpacity*

*onPress*={Calc}>

<*Text*>Calcular</*Text*>

</*TouchableOpacity*>

<*Text*>{forca}</*Text*>

<*StatusBar* *style*="auto" />

</*View*>

);

}

Ex3

import { StatusBar } from 'expo-status-bar';

import { useState } from 'react';

import { StyleSheet, Text, TouchableOpacity, View } from 'react-native';

import { TextInput } from 'react-native-web';

export default function App() {

const [forca, setForca]=useState();

const [dist, setDist]=useState();

const [trab, setTrab]=useState();

const Calc = () =>{

const f = parseFloat(forca);

const d = parseFloat(dist);

const t = f \* d;

setTrab(t);

}

return (

<*View* *style*={styles.container}>

<*Text*>Calculo de Trabalho</*Text*>

<*TextInput*

*placeholder*= "Digite a força"

*value*={forca}

*onChangeText*={(*Text*) => setForca(*Text*)}

/>

<*TextInput*

*placeholder*= "Digite a distância"

*value*={dist}

*onChangeText*={(*Text*) => setDist(*Text*)}

/>

<*TouchableOpacity*

*onPress*={Calc}>

<*Text*>Calcular</*Text*>

</*TouchableOpacity*>

<*Text*>{trab}</*Text*>

<*StatusBar* *style*="auto" />

</*View*>

);}

const styles = *StyleSheet*.create({

container: {

flex: 1,

backgroundColor: '#fff',

alignItems: 'center',

justifyContent: 'center',

},

input: {

borderWidth: 1,

padding: 5,

},

title: {

fontSize: 24, fontWeight: 'bold', color: '#333',

marginBottom: 20,

},

result: {

fontSize: 20, fontWeight: 'bold',

color: '#333',

}

});

Ex4

import { StatusBar } from 'expo-status-bar';

import { useState } from 'react';

import { StyleSheet, Text, TouchableOpacity, View } from 'react-native';

import { TextInput } from 'react-native-web';

export default function App() {

const [ce, setCe]=useState();

const [fa, setFa]=useState();

const [resul, setResul]=useState();

const decisao = (*temp*) =>{

const c = parseFloat(ce);

const f = parseFloat(fa);

switch(*temp*) {

case 'cel':

setResul((f - 32) / 1.8 );

break;

case 'far':

setResul((c \* 1.8) + 32);

break;

default:

break;

}

}

return (

<*View* *style*={styles.container}>

<*Text*>Celsius ou Fahrenheit?</*Text*>

<*TextInput*

*placeholder*= "Quantos Celsius"

*value*={ce}

*onChangeText*={(*Text*) => setCe(*Text*)}

/>

<*TextInput*

*placeholder*= "Quantos Fahrenheit"

*value*={fa}

*onChangeText*={(*Text*) => setFa(*Text*)}

/>

<*TouchableOpacity* *style*={styles.button1} *onPress*={() =>

decisao('cel')}>

<*Text*>Celsius</*Text*>

</*TouchableOpacity*>

<*TouchableOpacity* *style*={styles.button2} *onPress*={() =>

decisao('far')}>

<*Text*>Fahrenheit</*Text*>

</*TouchableOpacity*>

<*Text*>{resul}</*Text*>

<*StatusBar* *style*="auto" />

</*View*>

);}

const styles = *StyleSheet*.create({

container: {

flex: 1,

backgroundColor: '#fff',

alignItems: 'center',

justifyContent: 'center',

},

input: {

borderWidth: 1,

padding: 5,

},

title: {

fontSize: 24,

fontWeight: 'bold',

color: '#333',

marginBottom: 20,

},

result: {

fontSize: 20, fontWeight: 'bold',

color: '#333',

},

button1: {

backgroundColor: '#8BAE70', padding: 10, borderRadius: 5,

marginHorizontal: 5,

},

button2: {

backgroundColor: '#1CAF50', padding: 10, borderRadius: 5,

marginHorizontal: 5,

}

});

Ex5

import { StatusBar } from 'expo-status-bar';

import { useState } from 'react';

import { StyleSheet, Text, TouchableOpacity, View } from 'react-native';

import { TextInput } from 'react-native-web';

export default function App() {

const [massa, setMassa]=useState();

const [velo, setVelo]=useState();

const [ener, setEner]=useState();

const Calc = () =>{

const m = parseFloat(massa);

const v = parseFloat(velo);

const e = (m \* v \*\* 2) / 2;

setEner(e);

}

return (

<*View* *style*={styles.container}>

<*Text*>Calculo de Energia cinética</*Text*>

<*TextInput*

*placeholder*= "Digite a massa"

*value*={massa}

*onChangeText*={(*Text*) => setMassa(*Text*)}

/>

<*TextInput*

*placeholder*= "Digite a velocidade"

*value*={velo}

*onChangeText*={(*Text*) => setVelo(*Text*)}

/>

<*TouchableOpacity*

*onPress*={Calc}>

<*Text*>Calcular</*Text*>

</*TouchableOpacity*>

<*Text*>{ener}</*Text*>

<*StatusBar* *style*="auto" />

</*View*>

);}

const styles = *StyleSheet*.create({

container: {

flex: 1,

backgroundColor: '#fff',

alignItems: 'center',

justifyContent: 'center',

},

input: {

borderWidth: 1,

padding: 5,

},

title: {

fontSize: 24, fontWeight: 'bold', color: '#333',

marginBottom: 20,

},

result: {

fontSize: 20, fontWeight: 'bold',

color: '#333',

}

});

Ex6

import { StatusBar } from 'expo-status-bar';

import { useState } from 'react';

import { StyleSheet, Text, TouchableOpacity, View } from 'react-native';

import { TextInput } from 'react-native-web';

export default function App() {

const [me, setMe]=useState();

const [resul, setResul]=useState();

const calcular = () =>{

const m = parseFloat(me);

const r = m \* 100;

setResul(r);

}

return (

<*View* *style*={styles.container}>

<*Text*>Metros para Centimetros</*Text*>

<*TextInput*

*placeholder*= "Quantos Metros"

*value*={me}

*onChangeText*={(*Text*) => setMe(*Text*)}

/>

<*TouchableOpacity* *style*={styles.button1} *onPress*={() => calcular()}>

<*Text*>Calcular</*Text*>

</*TouchableOpacity*>

<*Text*>{resul}cm</*Text*>

<*StatusBar* *style*="auto" />

</*View*>

);}

const styles = StyleSheet.create({

container: {

flex: 1,

backgroundColor: '#fff',

alignItems: 'center',

justifyContent: 'center',

},

input: {

borderWidth: 1,

padding: 5,

},

title: {

fontSize: 24,

fontWeight: 'bold',

color: '#333',

marginBottom: 20,

},

result: {

fontSize: 20, fontWeight: 'bold',

color: '#333',

},

button1: {

backgroundColor: '#8BAE70', padding: 10, borderRadius: 5,

marginHorizontal: 5,

},

button2: {

backgroundColor: '#1CAF50', padding: 10, borderRadius: 5,

marginHorizontal: 5,

}

});

Ex7

import { StatusBar } from 'expo-status-bar';

import { useState } from 'react';

import { StyleSheet, Text, TouchableOpacity, View } from 'react-native';

import { TextInput } from 'react-native-web';

export default function App() {

const [ra, setRa]=useState();

const [resul, setResul]=useState();

const calcular = () =>{

const rai = parseFloat(ra);

const r = 3.14\*rai\*\*2;

setResul(r);

}

return (

<*View* *style*={styles.container}>

<*Text*>Área do circulo</*Text*>

<*TextInput*

*placeholder*= "Qual o raio?"

*value*={ra}

*onChangeText*={(*Text*) => setRa(*Text*)}

/>

<*TouchableOpacity* *style*={styles.button1} *onPress*={() => calcular()}>

<*Text*>Calcular</*Text*>

</*TouchableOpacity*>

<*Text*>{resul}cm²</*Text*>

<*StatusBar* *style*="auto" />

</*View*>

);}

const styles = *StyleSheet*.create({

container: {

flex: 1,

backgroundColor: '#fff',

alignItems: 'center',

justifyContent: 'center',

},

input: {

borderWidth: 1,

padding: 5,

},

title: {

fontSize: 24,

fontWeight: 'bold',

color: '#333',

marginBottom: 20,

},

result: {

fontSize: 20, fontWeight: 'bold',

color: '#333',

},

button1: {

backgroundColor: '#8BAE70', padding: 10, borderRadius: 5,

marginHorizontal: 5,

},

button2: {

backgroundColor: '#1CAF50', padding: 10, borderRadius: 5,

marginHorizontal: 5,

}

});

Ex8

import { StatusBar } from 'expo-status-bar';

import { useState } from 'react';

import { StyleSheet, Text, TouchableOpacity, View } from 'react-native';

import { TextInput } from 'react-native-web';

export default function App() {

const [lado, setLado]=useState();

const [resul1, setResul1]=useState();

const [resul2, setResul2]=useState();

const calcular = () =>{

const l = parseFloat(lado);

const r1 = l\*\*2;

setResul1(r1);

const r2 = r1\*2;

setResul2(r2);

}

return (

<*View* *style*={styles.container}>

<*Text*>Área do quadrado e seu dobro</*Text*>

<*TextInput*

*placeholder*= "Medida do Lado?"

*value*={lado}

*onChangeText*={(*Text*) => setLado(*Text*)}

/>

<*TouchableOpacity* *style*={styles.button} *onPress*={() => calcular()}>

<*Text*>Calcular</*Text*>

</*TouchableOpacity*>

<*Text*>Área: {resul1}cm²</*Text*>

<*Text*>dobro da área: {resul2}cm²</*Text*>

<*StatusBar* *style*="auto" />

</*View*>

);}

const styles = *StyleSheet*.create({

container: {

flex: 1,

backgroundColor: '#fff',

alignItems: 'center',

justifyContent: 'center',

},

input: {

borderWidth: 1,

padding: 5,

},

title: {

fontSize: 24,

fontWeight: 'bold',

color: '#333',

marginBottom: 20,

},

result: {

fontSize: 20, fontWeight: 'bold',

color: '#333',

},

button: {

backgroundColor: '#8BAE70', padding: 10, borderRadius: 5,

marginHorizontal: 5,

}

});

Ex9

import { StatusBar } from 'expo-status-bar';

import { useState } from 'react';

import { StyleSheet, Text, TouchableOpacity, View } from 'react-native';

import { TextInput } from 'react-native-web';

export default function App() {

const [val, setVal]=useState();

const [carga, setCarga]=useState();

const [resul, setResul]=useState();

const calcular = () =>{

const v = parseFloat(val);

const c = parseFloat(carga);

const r = v\*c;

setResul(r);

}

return (

<*View* *style*={styles.container}>

<*Text*>Salario do mês</*Text*>

<*TextInput*

*placeholder*= "Salario por hora"

*value*={val}

*onChangeText*={(*Text*) => setVal(*Text*)}

/>

<*TextInput*

*placeholder*= "carga mensal"

*value*={carga}

*onChangeText*={(*Text*) => setCarga(*Text*)}

/>

<*TouchableOpacity* *style*={styles.button} *onPress*={() => calcular()}>

<*Text*>Calcular</*Text*>

</*TouchableOpacity*>

<*Text*>{resul}R$</*Text*>

<*StatusBar* *style*="auto" />

</*View*>

);}

const styles = *StyleSheet*.create({

container: {

flex: 1,

backgroundColor: '#fff',

alignItems: 'center',

justifyContent: 'center',

},

input: {

borderWidth: 1,

padding: 5,

},

title: {

fontSize: 24,

fontWeight: 'bold',

color: '#333',

marginBottom: 20,

},

result: {

fontSize: 20, fontWeight: 'bold',

color: '#333',

},

button: {

backgroundColor: '#8BAE70', padding: 10, borderRadius: 5,

marginHorizontal: 5,

}

});

Ex10

import { StatusBar } from 'expo-status-bar';

import { useState } from 'react';

import { StyleSheet, Text, TouchableOpacity, View } from 'react-native';

import { TextInput } from 'react-native-web';

export default function App() {

const [mb, setMb]=useState();

const [mpbs, setMpbs]=useState();

const [resul, setResul]=useState();

const calcular = () =>{

const m = parseFloat(mb);

const ms = parseFloat(mpbs);

const r = (m/(ms/8))/60;

setResul(r);

}

return (

<*View* *style*={styles.container}>

<*Text*>Tempo para conclusão de download</*Text*>

<*TextInput*

*placeholder*= "Quantos Mega Bytes?"

*value*={mb}

*onChangeText*={(*Text*) => setMb(*Text*)}

/>

<*TextInput*

*placeholder*= "Velocidade em Mbps"

*value*={mpbs}

*onChangeText*={(*Text*) => setMpbs(*Text*)}

/>

<*TouchableOpacity* *style*={styles.button} *onPress*={() => calcular()}>

<*Text*>Calcular</*Text*>

</*TouchableOpacity*>

<*Text*>{resul}min</*Text*>

<*StatusBar* *style*="auto" />

</*View*>

);}

const styles = *StyleSheet*.create({

container: {

flex: 1,

backgroundColor: '#fff',

alignItems: 'center',

justifyContent: 'center',

},

input: {

borderWidth: 1,

padding: 5,

},

title: {

fontSize: 24,

fontWeight: 'bold',

color: '#333',

marginBottom: 20,

},

result: {

fontSize: 20, fontWeight: 'bold',

color: '#333',

},

button: {

backgroundColor: '#8BAE70', padding: 10, borderRadius: 5,

marginHorizontal: 5,

}

});