Muhammad Awais Adnan

207701

BSCS-7b

Lab11

Code:

import React, {Component} from 'react';

import {

StyleSheet,

TouchableHighlight,

Text,

View,

Button

} from 'react-native';

export default class app extends Component{

constructor(props){

super(props)

this.state = {

text: "",

}

this.result=this.result.bind(this);

};

result(){

this.setState({text: eval(this.state.text)});

}

render(){

return(

<View style={{flex:1}}>

<View style={{flex:2, backgroundColor:"white"}}>

<Text style={{fontSize:80, color:"black", textAlign:"right", textAlignVertical:"bottom"}}>{this.state.text}</Text>

</View>

<View style ={{flexDirection:"row", flex:4, backgroundColor:"blue"}}>

<View style = {{flexDirection:"row",flex:3}}>

<View style = {{flex:1}}>

<View style = {{flex:1}}>

<TouchableHighlight onPress={() => this.setState({text:this.state.text+"1"})}>

<Text style={{fontSize:40, color:"white", textAlign:"center", textAlignVertical:"center"}}>1</Text></TouchableHighlight>

</View>

<View style = {{flex:1}}>

<TouchableHighlight onPress={() => this.setState({text:this.state.text+"4"})}>

<Text style={{fontSize:40, color:"white", textAlign:"center", textAlignVertical:"center"}}>4</Text></TouchableHighlight>

</View>

<View style = {{flex:1}}>

<TouchableHighlight onPress={() => this.setState({text:this.state.text+"7"})}>

<Text style={{fontSize:40, color:"white", textAlign:"center", textAlignVertical:"center"}}>7</Text></TouchableHighlight>

</View>

<View style = {{flex:1}}>

<TouchableHighlight onPress={() => this.setState({text:""})}>

<Text style={{fontSize:40, color:"white", textAlign:"center", textAlignVertical:"center"}}>C</Text></TouchableHighlight>

</View>

</View>

<View style = {{flex:1}}>

<View style = {{flex:1}}>

<TouchableHighlight onPress={() => this.setState({text:this.state.text+"2"})}>

<Text style={{fontSize:40, color:"white", textAlign:"center", textAlignVertical:"center"}}>2</Text></TouchableHighlight>

</View>

<View style = {{flex:1}}>

<TouchableHighlight onPress={() => this.setState({text:this.state.text+"5"})}>

<Text style={{fontSize:40, color:"white", textAlign:"center", textAlignVertical:"center"}}>5</Text></TouchableHighlight>

</View>

<View style = {{flex:1}}>

<TouchableHighlight onPress={() => this.setState({text:this.state.text+"8"})}>

<Text style={{fontSize:40, color:"white", textAlign:"center", textAlignVertical:"center"}}>8</Text></TouchableHighlight>

</View>

<View style = {{flex:1}}>

<TouchableHighlight onPress={() => this.setState({text:this.state.text+"0"})}>

<Text style={{fontSize:40, color:"white", textAlign:"center", textAlignVertical:"center"}}>0</Text></TouchableHighlight>

</View>

</View>

<View style = {{flex:1}}>

<View style = {{flex:1}}>

<TouchableHighlight onPress={() => this.setState({text:this.state.text+"3"})}>

<Text style={{fontSize:40, color:"white", textAlign:"center", textAlignVertical:"center"}}>3</Text></TouchableHighlight>

</View>

<View style = {{flex:1}}>

<TouchableHighlight onPress={() => this.setState({text:this.state.text+"6"})}>

<Text style={{fontSize:40, color:"white", textAlign:"center", textAlignVertical:"center"}}>6</Text></TouchableHighlight>

</View>

<View style = {{flex:1}}>

<TouchableHighlight onPress={() => this.setState({text:this.state.text+"9"})}>

<Text style={{fontSize:40, color:"white", textAlign:"center", textAlignVertical:"center"}}>9</Text></TouchableHighlight>

</View>

<View style = {{flex:1}}>

<TouchableHighlight onPress={this.result}>

<Text style={{fontSize:40, color:"white", textAlign:"center", textAlignVertical:"center"}}>=</Text></TouchableHighlight>

</View>

</View>

</View>

<View style = {{flex:1, backgroundColor:"red"}}>

<View style = {{flex:1}}>

<TouchableHighlight onPress={() => this.setState({text:this.state.text+"+"})}>

<Text style={{fontSize:40, color:"white", textAlign:"center", textAlignVertical:"center"}}>+</Text></TouchableHighlight></View>

<View style = {{flex:1}}>

<TouchableHighlight onPress={() => this.setState({text:this.state.text+"-"})}>

<Text style={{fontSize:40, color:"white", textAlign:"center", textAlignVertical:"center"}}>-</Text></TouchableHighlight></View>

<View style = {{flex:1}}>

<TouchableHighlight onPress={() => this.setState({text:this.state.text+"/"})}>

<Text style={{fontSize:40, color:"white", textAlign:"center", textAlignVertical:"center"}}>/</Text></TouchableHighlight></View>

<View style = {{flex:1}}>

<TouchableHighlight onPress={() => this.setState({text:this.state.text+"\*"})}>

<Text style={{fontSize:40, color:"white", textAlign:"center", textAlignVertical:"center"}}>\*</Text></TouchableHighlight></View>

</View>

</View>

</View>

);

}

}

Output:

 

 