

March 20 Assignment

```
import React, {Component} from 'react';

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

class todo extends Component {
  state = {
    todos: [],
    newtodo: '',
    editIndex: -1,
    AllContent: [],
  };
  buttonPress = () => {
    this.setState({buttoncolor: 'red'});
  };
  onChange = (text: string) => {
    this.setState({newtodo: text});
  };

  Addtodo = () => {
    const obj = {
      name: this.state.newtodo,
      isSelected: false,
    };
    if (this.state.newtodo !== '') {
      if (this.state.editIndex !== -1) {
        const Tasks = [...this.state.todos];
        Tasks[this.state.editIndex].name = this.state.newtodo;
        this.setState({todos: Tasks});
        this.setState({editIndex: -1});
      } else {
        this.setState({todos: [...this.state.todos, obj]});
      }
      this.setState({newtodo: ''});
    }
  };

  EditTask = index => {
    const taskEdit = this.state.todos[index];
    this.setState({newtodo: taskEdit.name});
    this.setState({editIndex: index});
  };
}
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};
Deletetodo = () => {
  const {todos, newtodo} = this.state;
  this.setState({
    todos: [],
    newtodo: '',
  });
};

deletetask = index => {
  const updatedTask = [...this.state.todos];
  updatedTask.splice(index, 1);
  this.setState({
    todos: updatedTask,
  });
};

CheckBox = index => {
  // const newItem = [...this.state.AllContent];
  // newItem.push(this.state.todos[index]);
  // this.setState({
  //   AllContent: newItem,
  // });

  const newItem = [...this.state.todos];
  this.setState({
    todos: [
      ...newItem.slice(0, index),
      {
        name: this.state.todos[index].name,
        isSelected: !this.state.todos[index].isSelected,
      },
      ...newItem.slice(index + 1),
    ],
    AllContent: newItem,
  });
};

deleteCheckBox = () => {
  const updated = this.state.todos.filter(check =>
    this.state.AllContent.includes(check),
  );
  this.setState({
    todos: updated,
    Allcontent: [],
  });
};

render() {
  return (
    <View style={styles.container}>
      <Text
        style={{
          fontWeight: 40,

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        color: 'blue',
        marginLeft: 85,
        fontSize: 25,
        marginTop: 10,
    }}>
    Add Your Daily Tasks
</Text>
<TextInput
  style={styles.inputText}
  placeholder="Enter the Text..."
  onChangeText={text => this.setState({newtodo: text})}
  value={this.state.newtodo}
/>

<View style={{flexDirection: 'row'}}>
  <TouchableOpacity style={styles.button} onPress={this.Addtodo}>
    <Text
      style={{
        color: 'white',
        padding: 20,
        backgroundColor: 'green',
        marginTop: 20,
        marginLeft: 10,

        // marginRight: 100,
      }}>
      ADD ITEM
    </Text>
  </TouchableOpacity>
  <TouchableOpacity style={styles.button} onPress={this.deleteCheckBox}>
    <Text
      style={{
        color: 'white',
        padding: 20,
        backgroundColor: 'green',
        marginTop: 20,
        marginLeft: 5,
        width: 100,
      }}>
      REMOVE SELECTS
    </Text>
  </TouchableOpacity>
  <TouchableOpacity style={styles.button} onPress={this.Deletetodo}>
    <Text
      style={{
        color: 'white',
        padding: 20,
        backgroundColor: 'green',
        marginTop: 20,
        marginLeft: 5,
        // marginRight: 100,

```

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        }}>
        CLEAR
      </Text>
    </TouchableOpacity>
  </View>

  <ScrollView>
    {this.state.todos.map((item, index) => (
      <View style={styles.item}>
        <Text>{item.name}</Text>
        <View
          style={{
            flexDirection: 'row',
            justifyContent: 'space-between',
            marginTop: 5,
          }}>
          <TouchableOpacity onPress={() => this.EditTask(index)}>
            <Image
              style={styles.logo}
              source={require('../test1/src/Asset/image/note.png')}
            />
          </TouchableOpacity>
          <TouchableOpacity
            style={styles.deletebutton}
            onPress={() => this.deletetask(index)}>
            <Image
              style={styles.logo}
              source={require('../test1/src/Asset/image/bin.png')}
            />
          </TouchableOpacity>
          <TouchableOpacity
            style={{backgroundColor: item.isSelected ? 'red' : 'blue'}}
            onPress={() => this.CheckBox(index)}>
            <Image
              style={styles.checklogo}
              source={require('../test1/src/Asset/image/check.png')}
            />
          </TouchableOpacity>
        </View>
      </View>
    ))}
  </ScrollView>
</View>
);
}
}

const styles = StyleSheet.create({
  container: {
    flex: 1,
    backgroundColor: '#FAFBE7',
  },

```

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inputText: {
  marginTop: 10,
  height: 50,
  marginLeft: 10,
  marginRight: 10,
  backgroundColor: '#F7EA7E',
  borderBlockColor: 'black',
  borderRadius: 15,
},
item: {
  marginTop: 10,
  height: 50,
  flexDirection: 'row',
  margin: 2,
  marginLeft: 10,
  marginRight: 10,
  borderColor: '#2a4944',
  borderWidth: 1,
  backgroundColor: '#E2DAE4',
},
button: {
  marginLeft: 10,
  marginRight: 10,
},
deletebutton: {
  marginLeft: 20,
  marginTop: 1,
},
logo: {
  height: 30,
  width: 30,
  flexDirection: 'row',
  justifyContent: 'space-between',
  alignItems: 'center',
  marginHorizontal: 15,
},
checklogo: {
  height: 30,
  width: 30,
  flexDirection: 'row',
  justifyContent: 'space-between',
  alignItems: 'center',
  marginHorizontal: 15,
},
});
export default todo;

```

Output:-

6:09



Add Your Daily Tasks

Enter the Text...

ADD ITEM

REMOVE
SELECTS

CLEAR

School At 7am



Cricket at 5pm



Gym at 7pm



Go to bed at 10pm



GIF



Q¹

W²

E³

R⁴

T⁵

Y⁶

U⁷

I⁸

O⁹

P⁰

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K

L



Z

X

C

V

B

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M



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