March 22 Assignment

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

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

class todo extends Component {
  state = {
    todos: [],
    newtodo: '',
    AllContent: [],
    Id: 0,
  };
  buttonPress = () => {
    this.setState({buttoncolor: 'red'});
  };
  onChange = (text: string) => {
    this.setState({newtodo: text});
  };

  Addtodo = () => {
    const obj = {
      name: this.state.newtodo,
      isSelected: false,
      id: this.state.Id,
    };
    if (this.state.newtodo !== '') {
      this.setState({
        Id: this.state.Id + 1,
        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});
  };
```

```javascript
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 = (item, index) => {
  const newItem = [...this.state.AllContent];
  const updated = newItem.filter(val => {
    return val.id === item.id;
  });
  if (updated.length > 0) {
    this.setState({
      AllContent: [...this.state.AllContent].filter(val => {
        return val.id !== item.id;
      }),

      todos: [
        ...this.state.todos.map(value => {
          if (item.id === value.id) {
            value.isSelected = false;
          }
          return value;
        }),
      ],
    });
  } else {
    this.setState({
      AllContent: [...this.state.AllContent, item],
      todos: [
        ...this.state.todos.map(value => {
          if (item.id === value.id) {
            value.isSelected = true;
          }
          return value;
        }),
      ],
    });
  }
};
deleteCheckBox = () => {
  const updatedtodo = this.state.todos.filter(
```

```jsx
        val => !this.state.AllContent.includes(val),
      );
      this.setState({
        todos: updatedtodo,
        newtodo: [],
      });
    };
    itemRender = ({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(item, index)}>
            <Image
              style={styles.checklogo}
              source={require('../test1/src/Asset/image/check.png')}
            />
          </TouchableOpacity>
        </View>
      </View>
    );
    render() {
      return (
        <View style={styles.container}>
          <Text
            style={{
              fontWeight: 40,
              color: 'blue',
              marginLeft: 85,
              fontSize: 25,
              marginTop: 10,
```

```jsx
      }}>
        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,
          }}>
          CLEAR
        </Text>
      </TouchableOpacity>
```

```
            </View>
          <FlatList
            data={this.state.todos}
            renderItem={this.itemRender}
            keyExtractor={(item, id) => id.toString()}
          />
        </View>
      );
  }
}
const styles = StyleSheet.create({
  container: {
    flex: 1,
    backgroundColor: '#FAFBE7',
  },
  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:-

Add Your Daily Tasks

Enter the Text...

ADD ITEM **REMOVE SELECTS** **CLEAR**

Go to gym 6pm

Dinner at 8pm

import React... this.state.ld

Q W E R T Y U I O P

A S D F G H J K L

Z X C V B N M

?123 ,