March 16 Assignment (Todo List using React Native)

```jsx
import React, {Component} from 'react';
import {
  StyleSheet,
  Text,
  View,
  TouchableOpacity,
  TextInput,
  ScrollView,
} from 'react-native';

class todo extends Component {
  state = {
    todos: [],
    newtodo: '',
    id: 0,
  };
  Addtodo = () => {
    const {todos, newtodo, id} = this.state;

    if (newtodo.trim() !== '') {
      this.setState({id: this.state.id + 1});
      this.setState({
        todos: [...todos, {todos: newtodo, id}],
        newtodo: '',
      });
    }
  };
  Deletetodo = () => {
    const {todos, newtodo} = this.state;
    this.setState({
      todos: [],
      newtodo: '',
    });
  };
  deletetask = itemId => {
    this.setState({
      todos: [...this.state.todos].filter(val => val.id != itemId),
    });
  };

  render() {
    return (
      <View style={styles.container}>
        <Text
          style={{
            fontWeight: 40,
            color: 'blue',
            marginLeft: 85,
            fontSize: 25,
```

```jsx
          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 IN LIST
          </Text>
        </TouchableOpacity>
        <TouchableOpacity style={styles.button} onPress={this.Deletetodo}>
          <Text
            style={{
              color: 'white',
              padding: 20,
              backgroundColor: 'green',
              marginTop: 20,
              marginLeft: 35,
              // marginRight: 100,
            }}>
            DELETE All ITEM
          </Text>
        </TouchableOpacity>
      </View>
      <ScrollView>
        {this.state.todos.map(item => (
          <View style={styles.item}>
            <Text>{item.todos}</Text>
            <TouchableOpacity
              style={styles.deletebutton}
              onPress={() => this.deletetask(item.id)}>
              <Text style={{color: 'red'}}>Delete</Text>
            </TouchableOpacity>
          </View>
        ))}
      </ScrollView>
    </View>
```

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      );
    }
}
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: 290,
    marginTop: 10,
  },
});
export default todo;
```

OUTPUT:-

Add Your Daily Tasks

Enter the Text...

ADD ITEM IN LIST

DELETE All ITEM

Library at 8 pm today.

Gym at 6 pm

D

Market at 5 pm.

Cricket at e pm.

📋 Todo List usi…

Q¹ W² E³ R⁴ T⁵ Y⁶ U⁷ I⁸ O⁹ P⁰

A S D F G H J K L

Z X C V B N M ⌫

?123 , 😊 . ✓