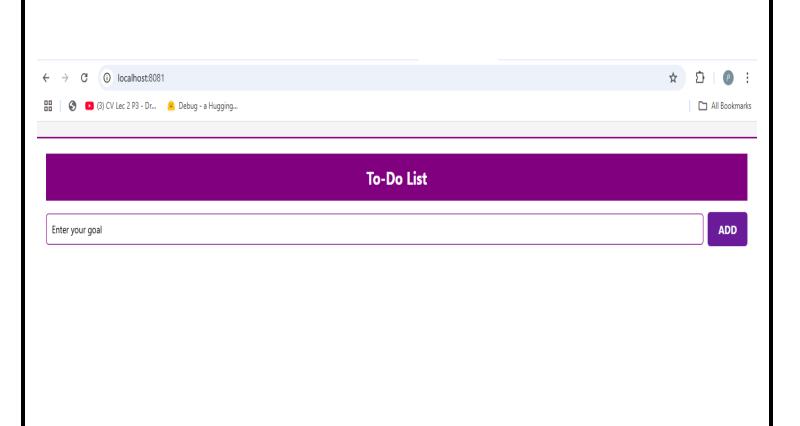




# Maryem Ehab Mostafa Sec 4

## **ToDoList**





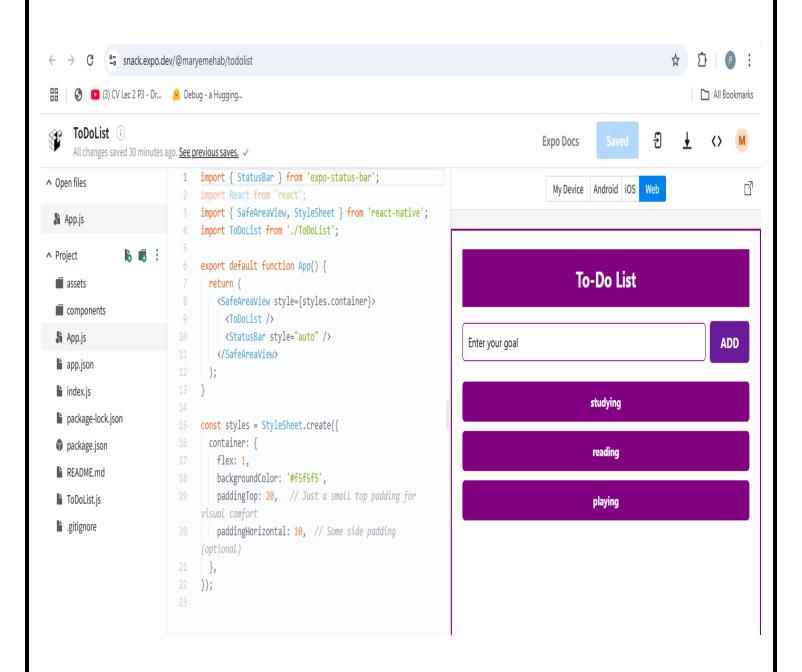




	To-Do List	
Enter your goal		ADD
	Studying	
	Reading	
	PLaying	
	test	













## Colors and Fonts

#f5f5f5:Background color (light gray)

Purple: Borders, titles, and goal items

#6a1b9a: Add button background (a dark purple)

white: Text and background of components

#### **Fonts**

fontSize: 24 Used for the title (To-Do List).

fontWeight: bold Applied to titles, button text, and goal items.







## App.js Code

```
import { StatusBar } from 'expo-status-bar';
import React from 'react';
import { SafeAreaView, StyleSheet } from 'react-native';
import ToDoList from './ToDoList';
export default function App() {
 return (
  <SafeAreaView style={styles.container}>
   <ToDoList/>
   <StatusBar style="auto" />
  </SafeAreaView>
 );
const styles = StyleSheet.create({
 container: {
  flex: 1,
          backgroundColor: '#f5f5f5',
```





paddingTop: 20, // Just a small top padding for visual



paddingHorizontal: 10, // Some side padding (optional)

},
});

### ToDoList.js code

```
import React, { useState } from 'react';
import {
 View,
 Text,
 TextInput,
 FlatList,
 StyleSheet,
 TouchableOpacity,
 KeyboardAvoidingView,
 Platform,
 SafeAreaView,
} from 'react-native';
export default function ToDoList() {
 const [goal, setGoal] = useState(");
```





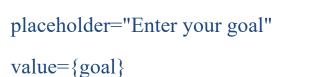
#### const [goals, setGoals] = useState([]);



```
const addGoalHandler = () => {
 if (goal.trim()) {
  setGoals(currentGoals => [...currentGoals, goal]);
  setGoal(");
};
return (
 <SafeAreaView style={styles.safeContainer}>
  < Keyboard Avoiding View
   style={styles.outerContainer}
   behavior={Platform.OS === 'ios' ? 'padding' : undefined}
   <View style={styles.innerContainer}>
     <Text style={styles.title}>To-Do List</Text>
     <View style={styles.inputContainer}>
      <TextInput
       style={styles.input}
```









```
onChangeText={setGoal}
    />
    <TouchableOpacity onPress={addGoalHandler} style={styles.addButton}>
     <Text style={styles.addButtonText}>ADD</Text>
    </TouchableOpacity>
   </View>
   <FlatList
    data={goals}
    renderItem=\{(\{ item \}) \Rightarrow (
     <View style={styles.goalItem}>
       <Text style={styles.goalText}>{item}</Text>
     </View>
    )}
    keyExtractor={(item, index) => index.toString()}
   />
  </View>
 </KeyboardAvoidingView>
</SafeAreaView>
```





```
const styles = StyleSheet.create({
 safeContainer: {
  flex: 1,
  backgroundColor: '#f5f5f5',
 },
 outerContainer: {
  flex: 1,
  backgroundColor: '#f5f5f5',
 },
 innerContainer: {
  flex: 1,
  width: '100%', // Full width
  padding: 20,
  borderWidth: 2,
  borderColor: 'purple',
  backgroundColor: 'white',
 },
 title: {
```





textAlign: 'center',



fontSize: 24,

fontWeight: 'bold', backgroundColor: 'purple', color: 'white', padding: 15, marginBottom: 15, width: '100%', **}**, inputContainer: { flexDirection: 'row', marginBottom: 15, alignItems: 'center', width: '100%', **}**, input: { flex: 1, borderColor: 'purple', borderWidth: 1, padding: 10, borderRadius: 5,





#### backgroundColor: 'white',



```
},
addButton: {
 backgroundColor: '#6a1b9a',
 paddingVertical: 12,
 paddingHorizontal: 20,
 borderRadius: 5,
 marginLeft: 8,
},
addButtonText: {
 color: 'white',
 fontWeight: 'bold',
 fontSize: 16,
},
goalItem: {
 backgroundColor: 'purple',
 padding: 12,
 marginVertical: 5,
 borderRadius: 5,
},
goalText: {
```



color: 'white',



fontWeight: 'bold',

```
textAlign: 'center',
},
});
```

#### Index.js

```
import { registerRootComponent } from 'expo';
```

import App from './App';

```
// registerRootComponent calls
AppRegistry.registerComponent('main', () => App);
```

// It also ensures that whether you load the app in Expo Go or in a native build,

// the environment is set up appropriately

registerRootComponent(App);

