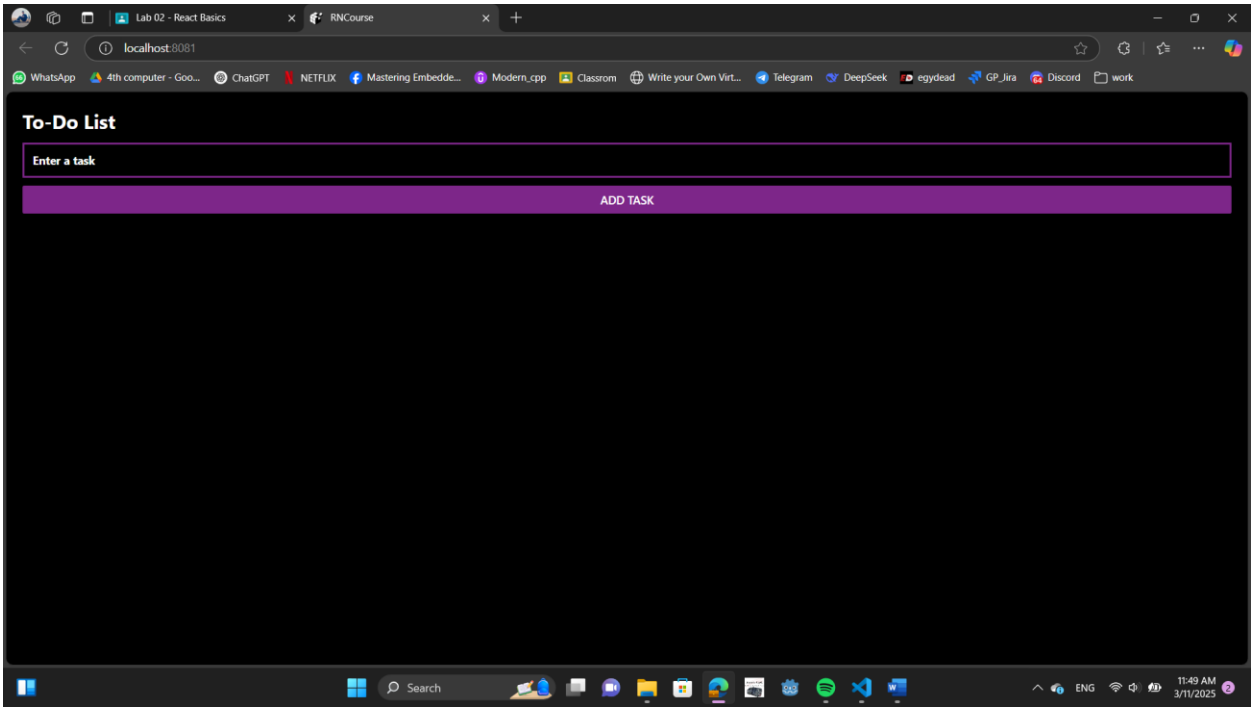
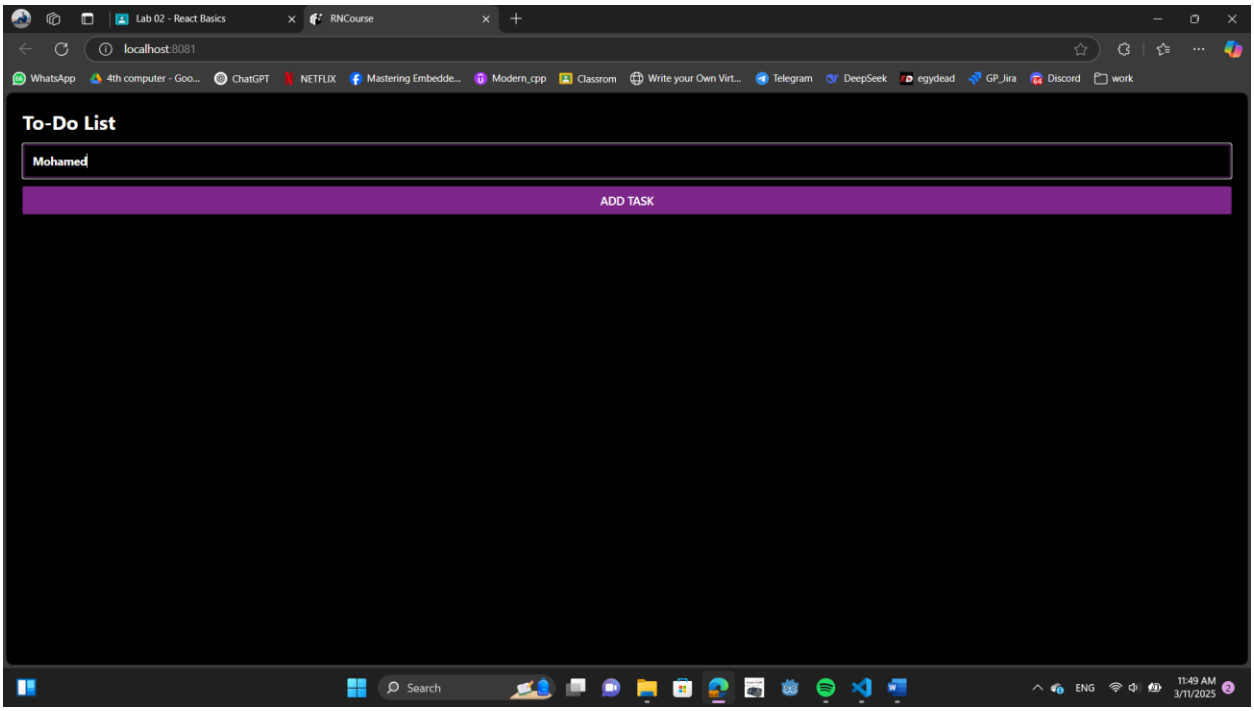
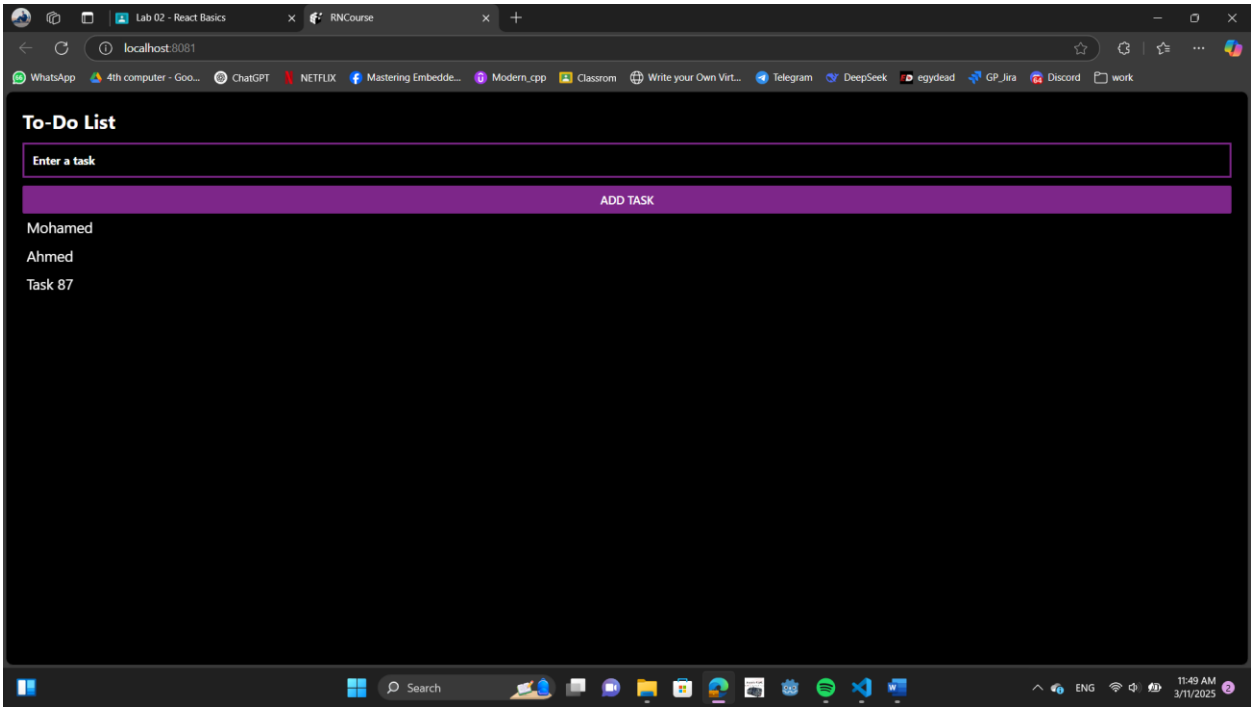
Online Compiler Link

https://codesandbox.io/p/devbox/agitated-ace-vjf2kd?workspaceId=ws_JQbqGnwrH2NZkuQsobLimv

Screenshots




Lab 02 - React Basics
RNCourse
localhost:8081
WhatsApp
4th computer - Goo...
ChatGPT
NETFLIX
Mastering Embedde...
Modern_cpp
Classrom
Write your Own Virt...
Telegram
DeepSeek
egydead
GP_Jira
Discord
work
To-Do List
Mohamed
ADD TASK
Search
ENG
11:49 AM
3/11/2025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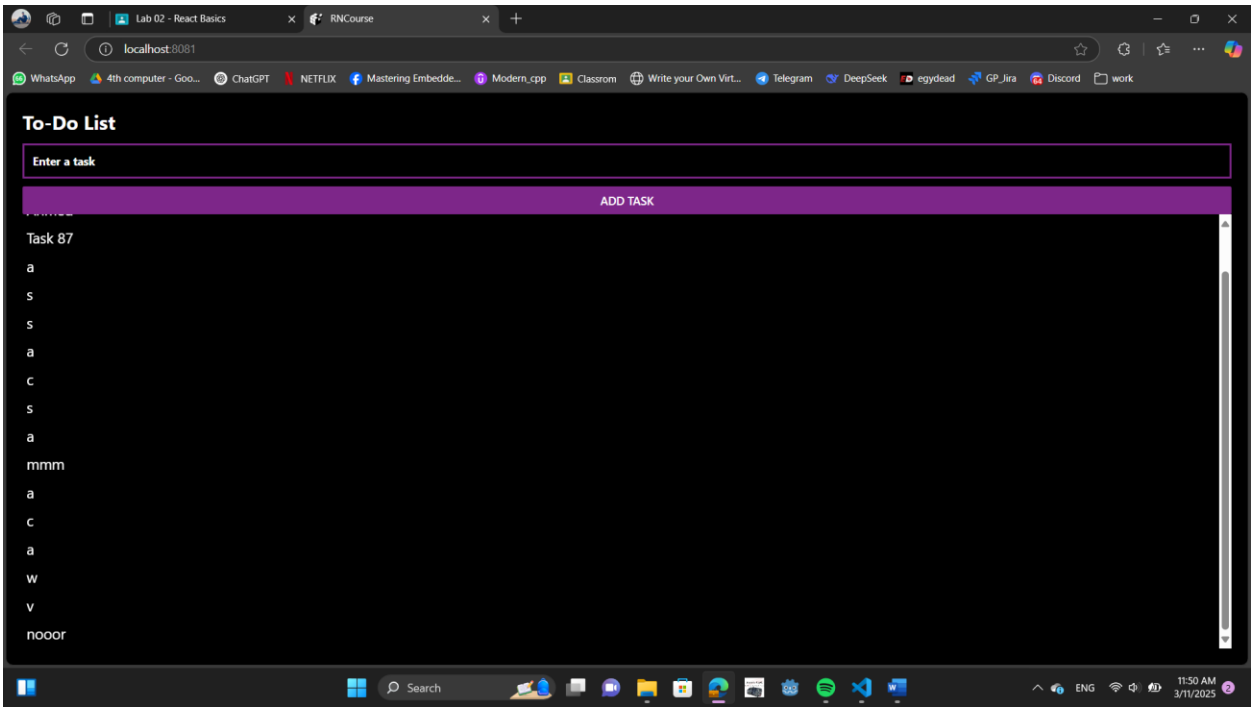

Code

```
import React, { useState } from "react";
import { View, Text, TextInput, Button, FlatList, StyleSheet } from
"react-native";
import "react-native";

export default function App() {
  const [task, setTask] = useState(""); // Stores the new task
  const [tasks, setTasks] = useState([]); // Stores the list of tasks

  function addTask() {
    if (task.trim() !== "") { // Avoid empty tasks
      setTasks([...tasks, task]); // Add new task to list
      setTask(""); // Clear input
    }
  }

  return (
    <View style={styles.container}>
      <Text style={styles.title}>To-Do List</Text>
      <TextInput
        style={styles.input}
        placeholder="Enter a task"
```

```
        value={task}
        onChangeText={setTask}
      />
      <Button title="Add Task" onPress={addTask} color="#7D2689"/>

      <FlatList
        data={tasks}
        renderItem={({ item }) => <Text style={styles.task}>{item}</Text>}
        keyExtractor={(item, index) => index.toString()}
      />
    </View>
  );
}

const styles = StyleSheet.create({
  container: { flex: 1, padding: 20, justifyContent:
"center",backgroundColor:"black" },
  title: { fontSize: 24, fontWeight: "bold", marginBottom:
10,color:"white" },
  input: { borderWidth: 3, padding: 10, marginBottom:
10,borderColor:"#7D2689",color:"white",fontWeight: "bold" },
  task: { fontSize: 18, padding: 5, borderBottomWidth: 1,color:"white" },
});
```

Colors & Fonts

Colors

1. violet **#7D2689**

2. white

3. black

Font: default