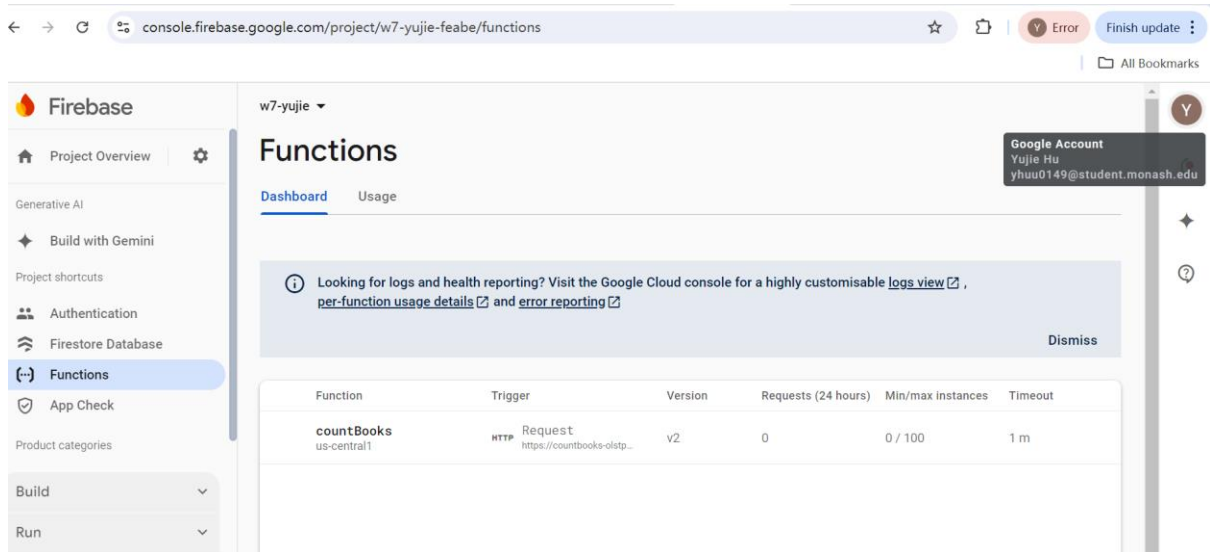
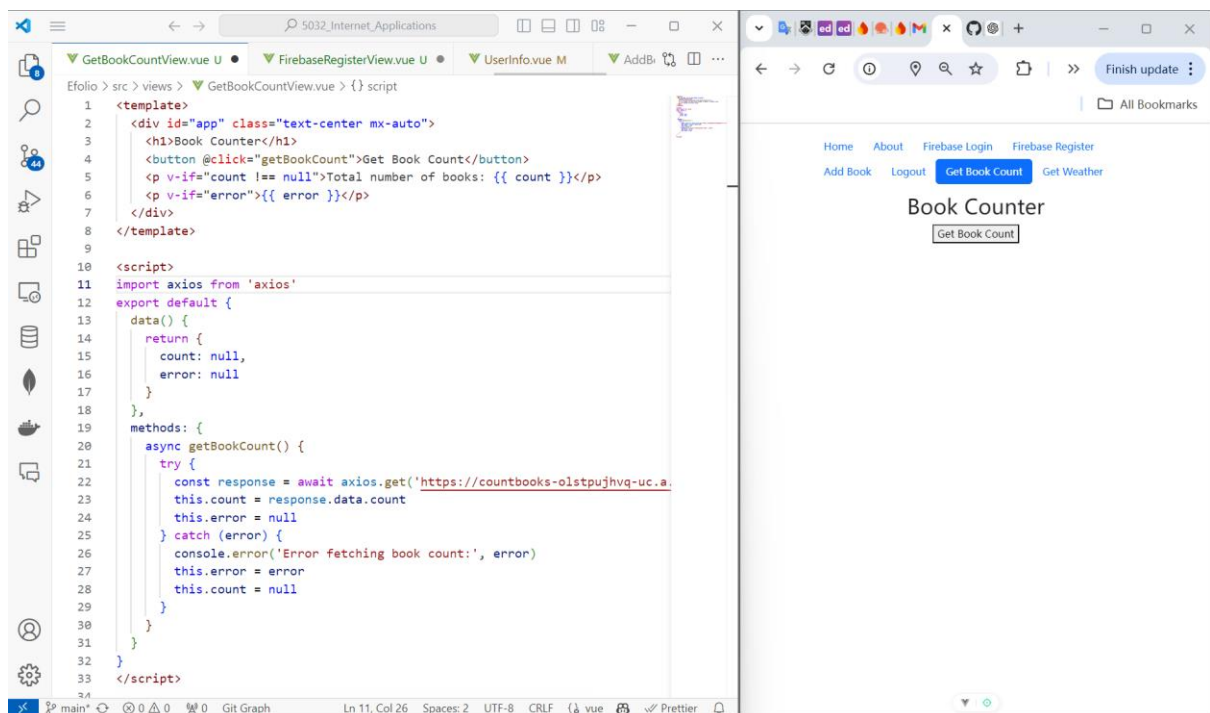


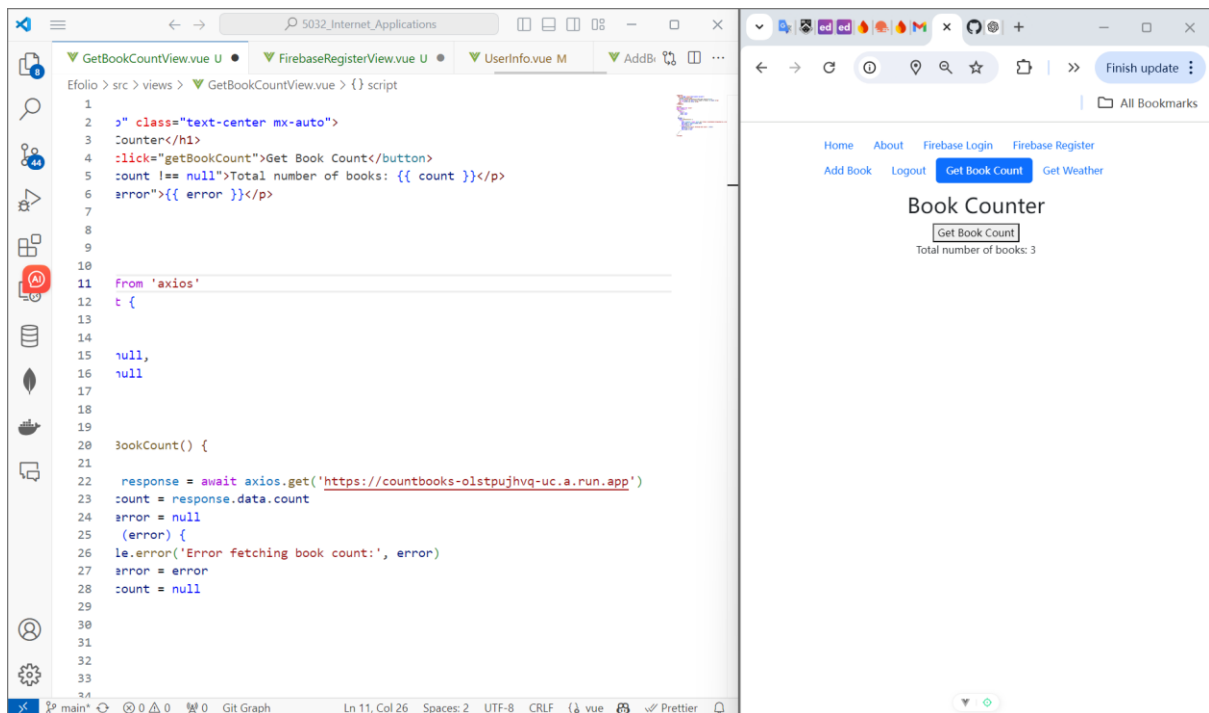
# EFolio 9.1



Page view before click on “Get Book Count”:

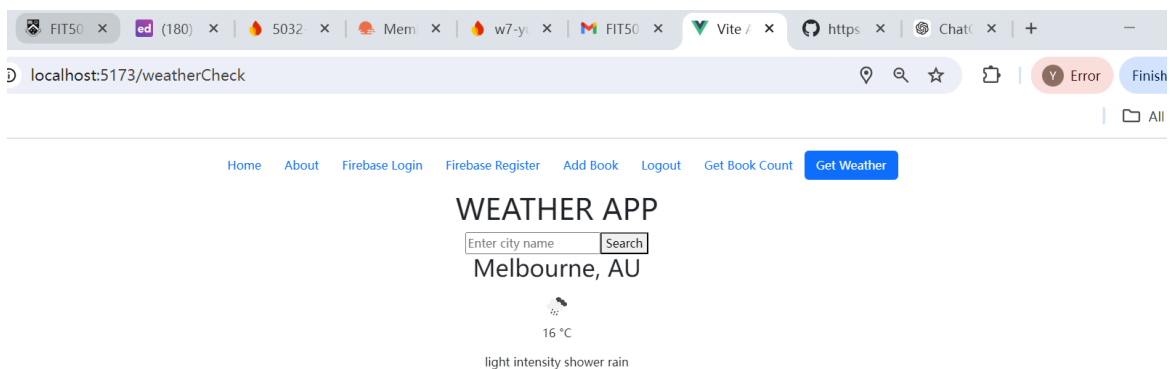


Page view after click on “Get Book Count”, and the vscode view has been scroll to right to show the full http link

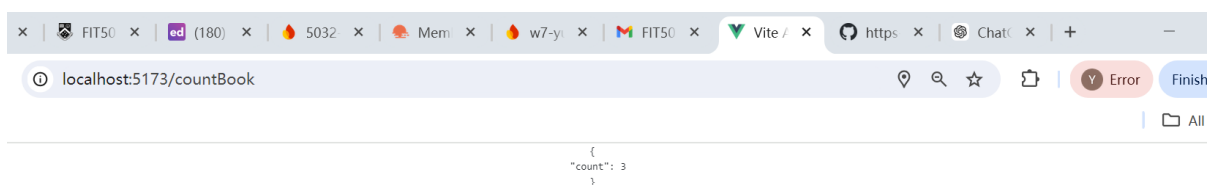


## EFolio 10.1

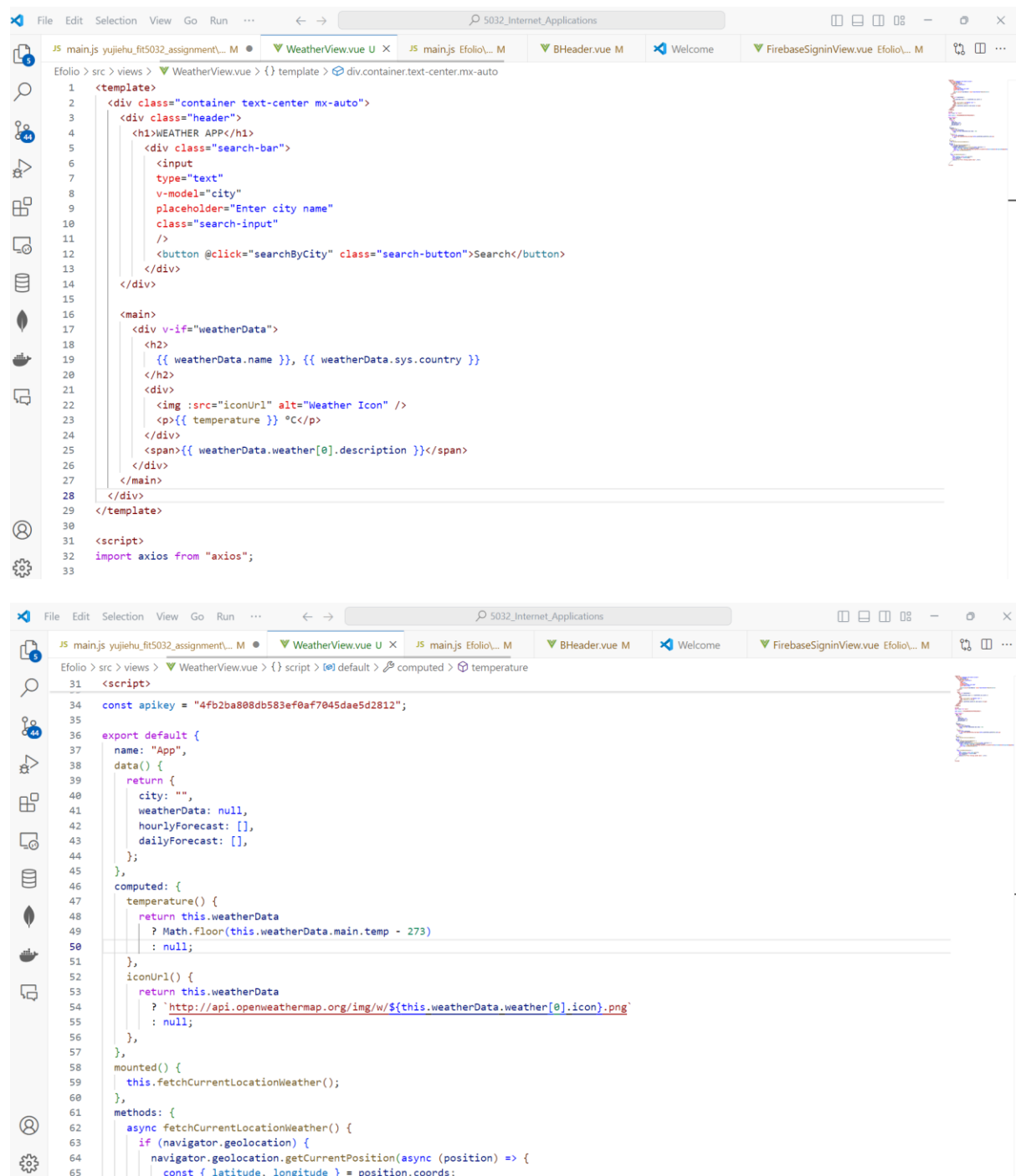
browser showing the current location weather:



browser in API page showing the number of counters:



## Code:



```
1 <template>
2   <div class="container text-center mx-auto">
3     <div class="header">
4       <h1>WEATHER APP</h1>
5       <div class="search-bar">
6         <input
7           type="text"
8           v-model="city"
9           placeholder="Enter city name"
10          class="search-input"
11        />
12        <button @click="searchByCity" class="search-button">Search</button>
13      </div>
14    </div>
15
16    <main>
17      <div v-if="weatherData">
18        <h2>
19          {{ weatherData.name }}, {{ weatherData.sys.country }}
20        </h2>
21        <div>
22          
23          <p>{{ temperature }} °C</p>
24        </div>
25        <span>{{ weatherData.weather[0].description }}</span>
26      </div>
27    </main>
28  </div>
29 </template>
30
31 <script>
32   import axios from "axios";
33
```

```
31 <script>
32
33   const apiKey = "4fb2ba808db583ef0af7045dae5d2812";
34
35   export default {
36     name: "App",
37     data() {
38       return {
39         city: "",
40         weatherData: null,
41         hourlyForecast: [],
42         dailyForecast: [],
43       };
44     },
45     computed: {
46       temperature() {
47         return this.weatherData
48           ? Math.floor(this.weatherData.main.temp - 273)
49           : null;
50       },
51       iconUrl() {
52         return this.weatherData
53           ? `http://api.openweathermap.org/img/w/${this.weatherData.weather[0].icon}.png`
54           : null;
55       },
56     },
57     mounted() {
58       this.fetchCurrentLocationWeather();
59     },
60     methods: {
61       async fetchCurrentLocationWeather() {
62         if (navigator.geolocation) {
63           navigator.geolocation.getCurrentPosition(async (position) => {
64             const { latitude, longitude } = position.coords;
65
```

```
WeatherView.vue U CountBookAPI.vue U App.vue 1, M GetBookCountView.vue U JS main.js Efolio... M BHeader.vue M Welcome
Efolio > src > views > CountBookAPI.vue > {} script > default > methods > getBookCount
1 <template>
2   <div class="text-center mx-auto">
3     <pre>{{ jsondata }}</pre>
4   </div>
5 </template>
6
7 <script>
8   import axios from 'axios'
9   export default {
10     data() {
11       return {
12         jsondata: null,
13         error: null
14       }
15     },
16     mounted() {
17       this.getBookCount()
18     },
19     methods: {
20       async getBookCount() {
21         try {
22           const response = await axios.get('https://countbooks-olstpujhvq-uc.a.run.app')
23           this.jsondata = response.data
24           this.error = null
25         } catch (error) {
26           console.error('Error fetching book count:', error)
27           this.error = error
28           this.count = null
29         }
30       }
31     }
32   }
33 </script>
```

```
5032_Internet_Applications
WeatherView.vue U CountBookAPI.vue U App.vue 1, M GetBookCountView.vue U JS ma
Efolio > src > App.vue > {} template > div.main-container
1 <script>
2   import BHeader from './components/BHeader.vue';
3   import CountBookAPI from './views/CountBookAPI.vue';
4
5   export default {
6     name: 'App',
7     components: {
8       BHeader,
9       CountBookAPI
10    },
11    computed: {
12      showHeader() {
13        return this.$route.path !== '/countBook';
14      }
15    }
16  };
17 </script>
18
19 <template>
20   <div class="main-container">
21     <header v-if="showHeader">
22       <BHeader />
23     </header>
24     <main class="main-box">
25       <router-view />
26     </main>
27   </div>
28 </template>
29
30 <style scoped>
31 </style>
32
33
```

# Codes in BHeader and Router

```
▼ App.vue 1, M • ▼ GetBookCountView.vue U JS main.js Efolio\... M ▼ BHeader.vue M • Welcome ▼ FirebaseSignInView.vue Efolio\... M
Efolio > src > components > ▼ BHeader.vue > {} template > div.container > header.d-flex.justify-content-center.py-3 > ul.nav.nav-pills > li.nav-item
17 <template>
18 <div class="container">
19 <header class="d-flex justify-content-center py-3">
20 <ul class="nav nav-pills">
21 <li class="nav-item">
22 <router-link to="/firebase/register" class="nav-link">Firebase Register</router-link>
23 </li>
24 <li class="nav-item">
25 <router-link to="/addbook" class="nav-link active-class="active">Add Book</router-link>
26 </li>
27 <li class="nav-item">
28 <a href="#" class="nav-link" @click="logMeOut">Logout</a>
29 </li>
30 <li class="nav-item">
31 <router-link to="/getBookCount" class="nav-link active-class="active">Get Book Count</router-link>
32 </li>
33 <li class="nav-item">
34 <router-link to="/weatherCheck" class="nav-link active-class="active">Get Weather</router-link>
35 </li>
36 <li class="nav-item">
37 <router-link to="/countBook" class="nav-link active-class="active">Count Book API</router-link>
38 </li>
39 </ul>
40 </header>
41 </div>
42 </template>
```

```
seSignInView.vue yujiehu_fit5032_assignment\... U firebase.json U firestore.rules U JS index.js ...router M •
Efolio > src > router > JS index.js > [routes] component
10 const routes = [
11 {
12 path: '/FireRegister',
13 name: 'FireRegister',
14 component: FirebaseRegisterView
15 },
16 {
17 path: '/addbook',
18 name: 'AddBook',
19 component: AddBookView
20 },
21 {
22 path: '/getBookCount',
23 name: 'GetBookCount',
24 component: GetBookCountView
25 },
26 {
27 path: '/weatherCheck',
28 name: 'WeatherCheck',
29 component: WeatherView
30 },
31 {
32 path: '/countBook',
33 name: 'CountBook',
34 component: CountBookAPI
35 }
36 ]
37
38 const router = createRouter({
39 history: createWebHistory(),
40 routes
41 })
```