

Ali Danesh Moghaddam

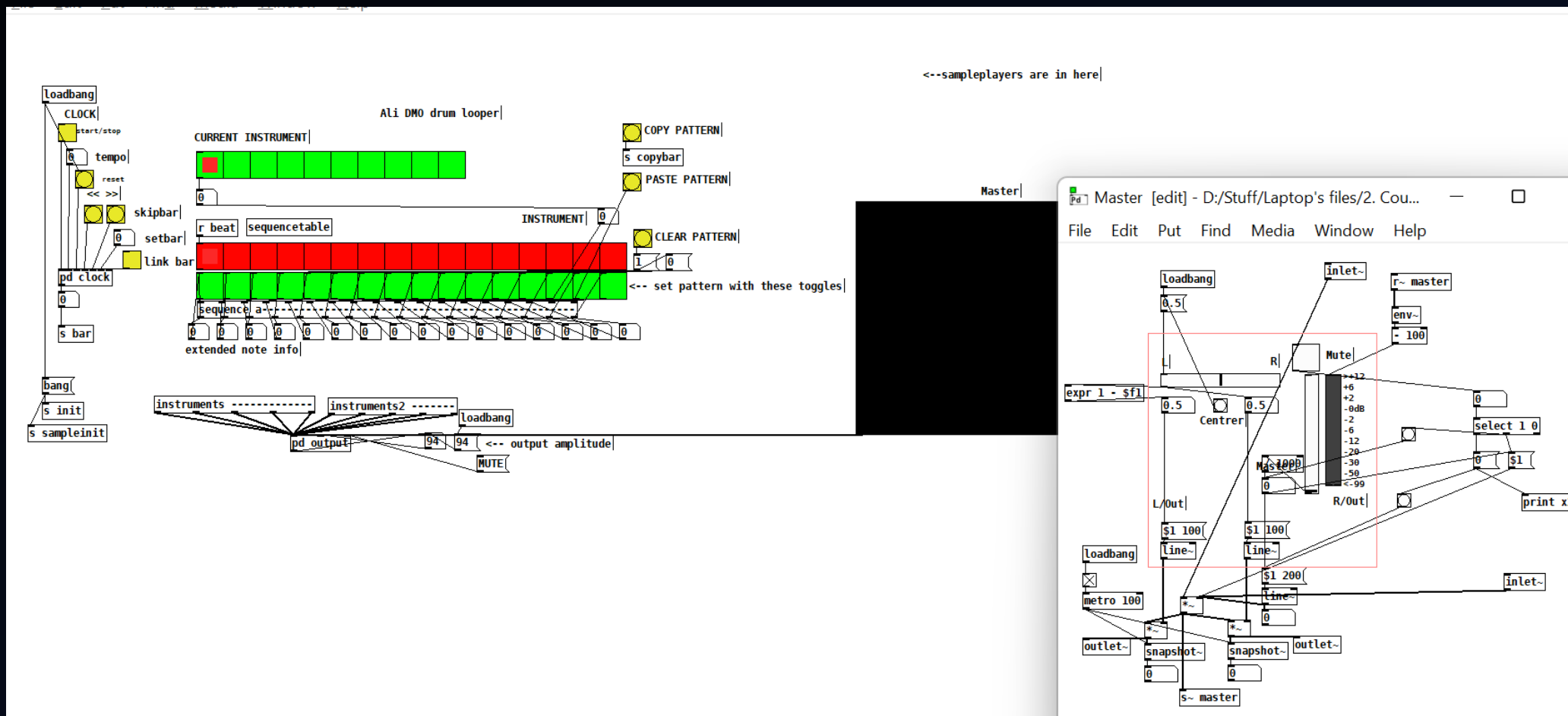
PORTFOLIO



// A short programming bio

I started programming when I was 15 years old. I learned it myself with google and youtube, working on a scripting project that included making patches for a botting program, called Honorbuddy, that automatized playing a video game. This love for programming has always been with me, although for the next 10 years, I pursued arts, literature and music. In Paris, I studied Orchestral conducting and composing, I obtained a bachelor's degree, in musicology & computer music, which intensified my love for the computer sciences, by using it with my passion for music. In this show case, you will find my journey since this event. Currently, I have much more projects in the making, they will be added to this flow.

A drum machine in Puredata, with a mastering sub patch



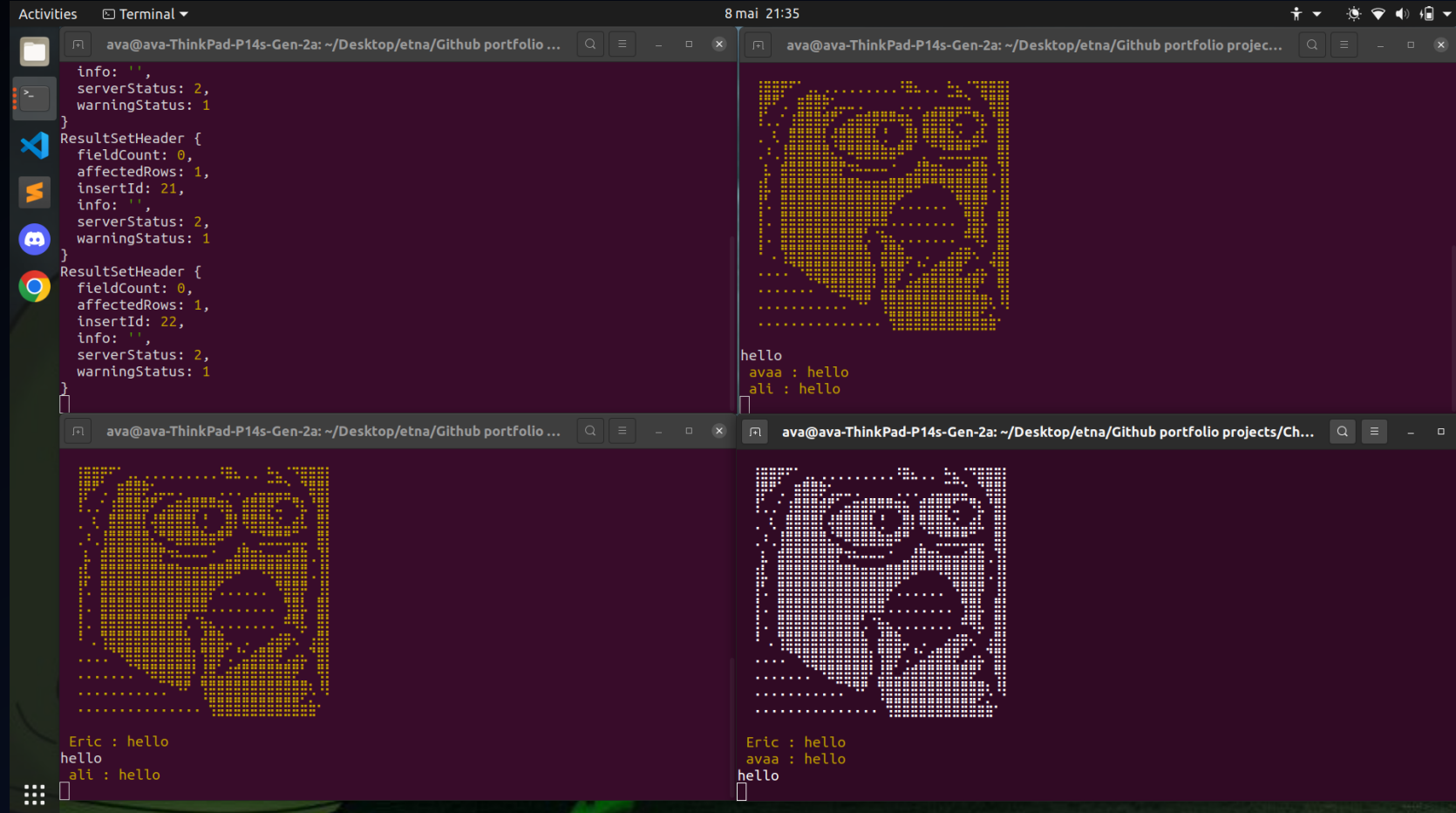
Equalizer plugin in C++ and JUCER

The screenshot displays the Visual Studio IDE with the following components:

- Code Editor:** Shows the `PluginEditor.cpp` file with C++ code for the plugin's GUI and processing logic. The code includes comments and function calls for setting up the GUI and processing audio.
- GUI Preview:** A window titled "SimpleEQ" showing a graphical user interface for an equalizer. It features a frequency response curve (FRC) plot at the top, a "DMO EQ" label, and several control knobs and sliders. The controls include a "LowCut" knob (41 Hz), a "Peak" knob (517 Hz), a "HighCut" knob (15.10 kHz), and a "Response" knob (36 dB/Oct). The FRC plot shows a response curve with a peak at 517 Hz and a dip at 15.10 kHz. The GUI also displays a "36 dB/Oct" slope and a "3.2" value for the "Peak" knob.
- Solution Explorer:** Shows the project structure for "SimpleEQ", including the "SimpleEQ_SharedCode" project and the "SimpleEQ_StandalonePlugin" project. The "SimpleEQ" project is selected.
- Output Window:** Shows the build output for the project, indicating that the build was successful.

The bottom of the image shows the Windows taskbar with the system clock at 6:04 AM on 5/9/2022.

A Chatting system in terminal, using TypeScript and Socket.io



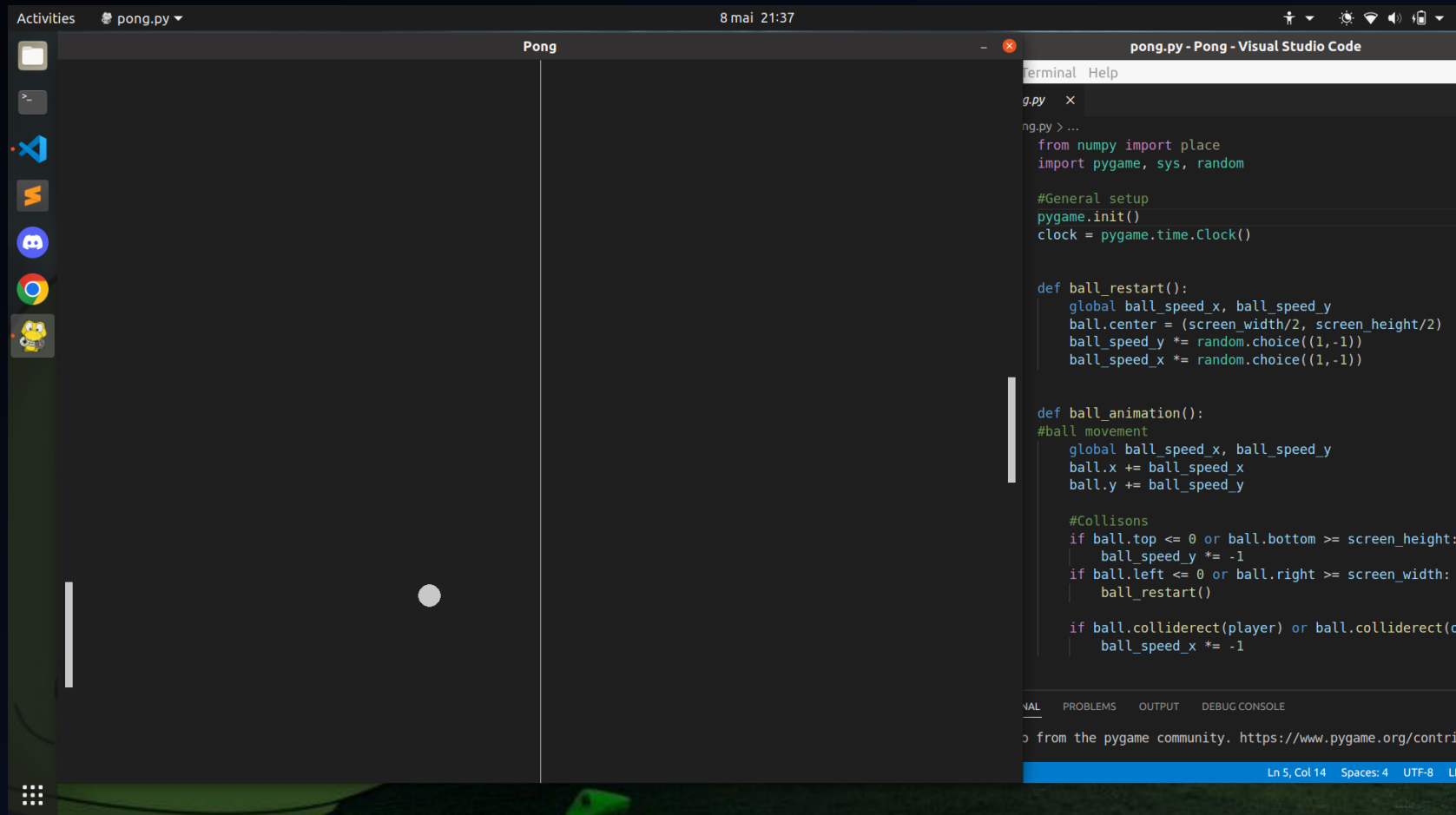
The screenshot shows a terminal window with a chat system interface. The interface consists of a grid of four avatars (Owl, Panda, Panda, Panda) and a chat log area. The chat log area contains the following text:

```
hello  
avaa : hello  
ali : hello
```

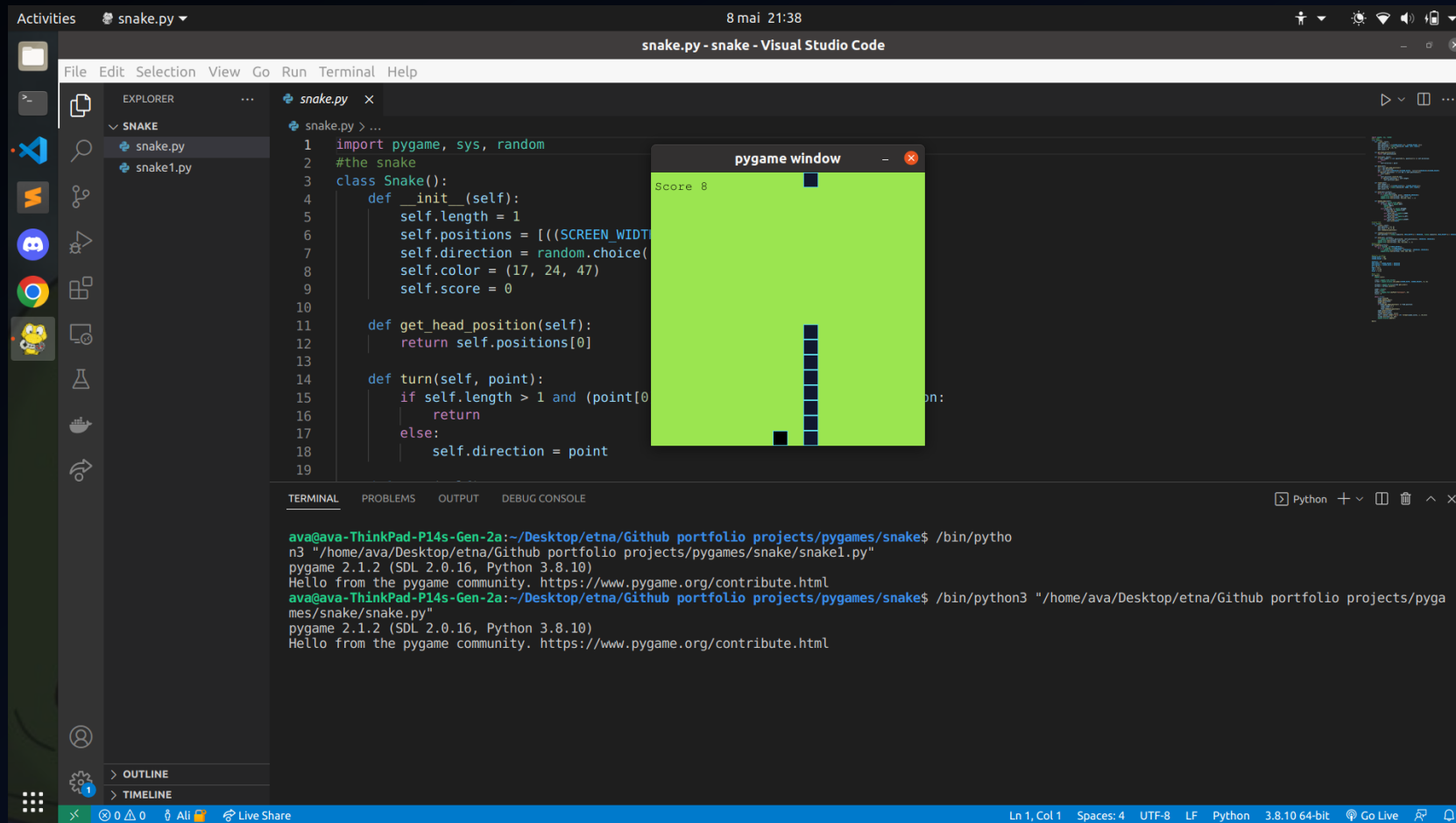
The terminal window also displays a TypeScript code snippet for a database query result:

```
info: '',  
serverStatus: 2,  
warningStatus: 1  
}  
ResultSetHeader {  
  fieldCount: 0,  
  affectedRows: 1,  
  insertId: 21,  
  info: '',  
  serverStatus: 2,  
  warningStatus: 1  
}  
ResultSetHeader {  
  fieldCount: 0,  
  affectedRows: 1,  
  insertId: 22,  
  info: '',  
  serverStatus: 2,  
  warningStatus: 1  
}  
}
```


The vanilla Pong game, using Pygames in Python



The vanilla Snake game using Pygames in Python



A simple product page with Vue JS with review feature



Amazing Socks

In Stock

Shipping: Free

50% cotton
30% wool
20% polyester

Add to Cart

Reviews:

Ali DaneshMoghaddam gave this 5 stars
"These are super soft and high quality !"
Recommended: Yes

Cart(6)

index.html - VueJS - Visual Studio Code

File Edit Selection View Go Run Terminal Help

index.html x # styles.css JS ProductDisplay.js assets/... 9+ JS

```
4 <meta charset="utf-8" />
5 <title>Vue Mastery</title>
6 <!-- Import Styles -->
7 <link rel="stylesheet" href="./assets/styles.css" />
8 <!-- Import Vue.js -->
9 <script src="https://unpkg.com/vue@3.0.11/dist/vue.esm-browser.js"></script>
10 </head>
11 <body>
12   <div id="app">
13     <div class="nav-bar"></div>
14
15     <div class="cart">Cart({{ cart.length }})</div>
16     <product-display :premium="premium" @add-to-cart="add"></product-display>
17   </div>
18
19   <!-- Import App -->
20   <script src="./main.js"></script>
21
22   <!-- Import Components -->
23   <script src="./components/ProductDisplay.js"></script>
24   <script src="./components/ReviewForm.js"></script>
25   <script src="./components/ReviewList.js"></script>
26
27 </body>
```