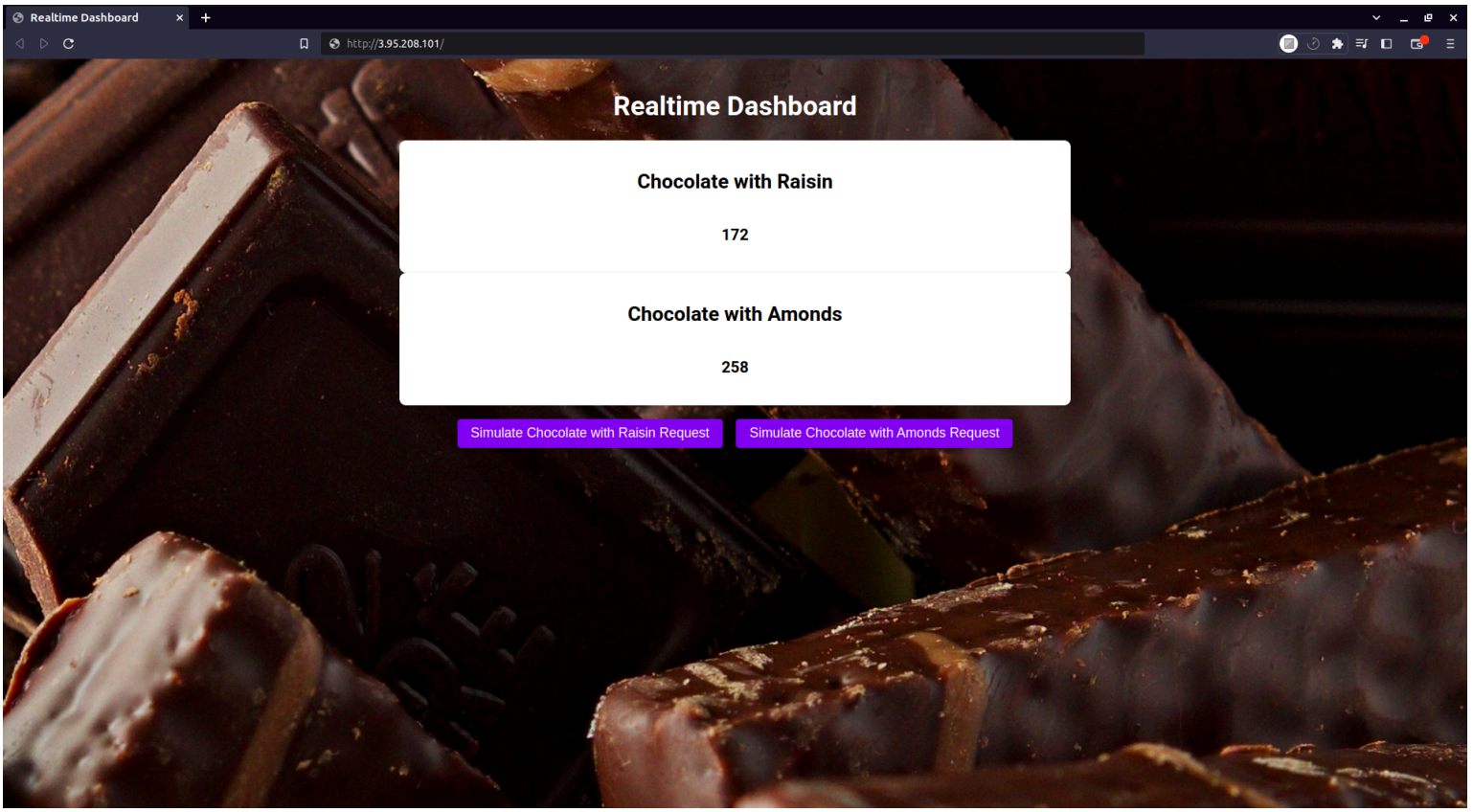
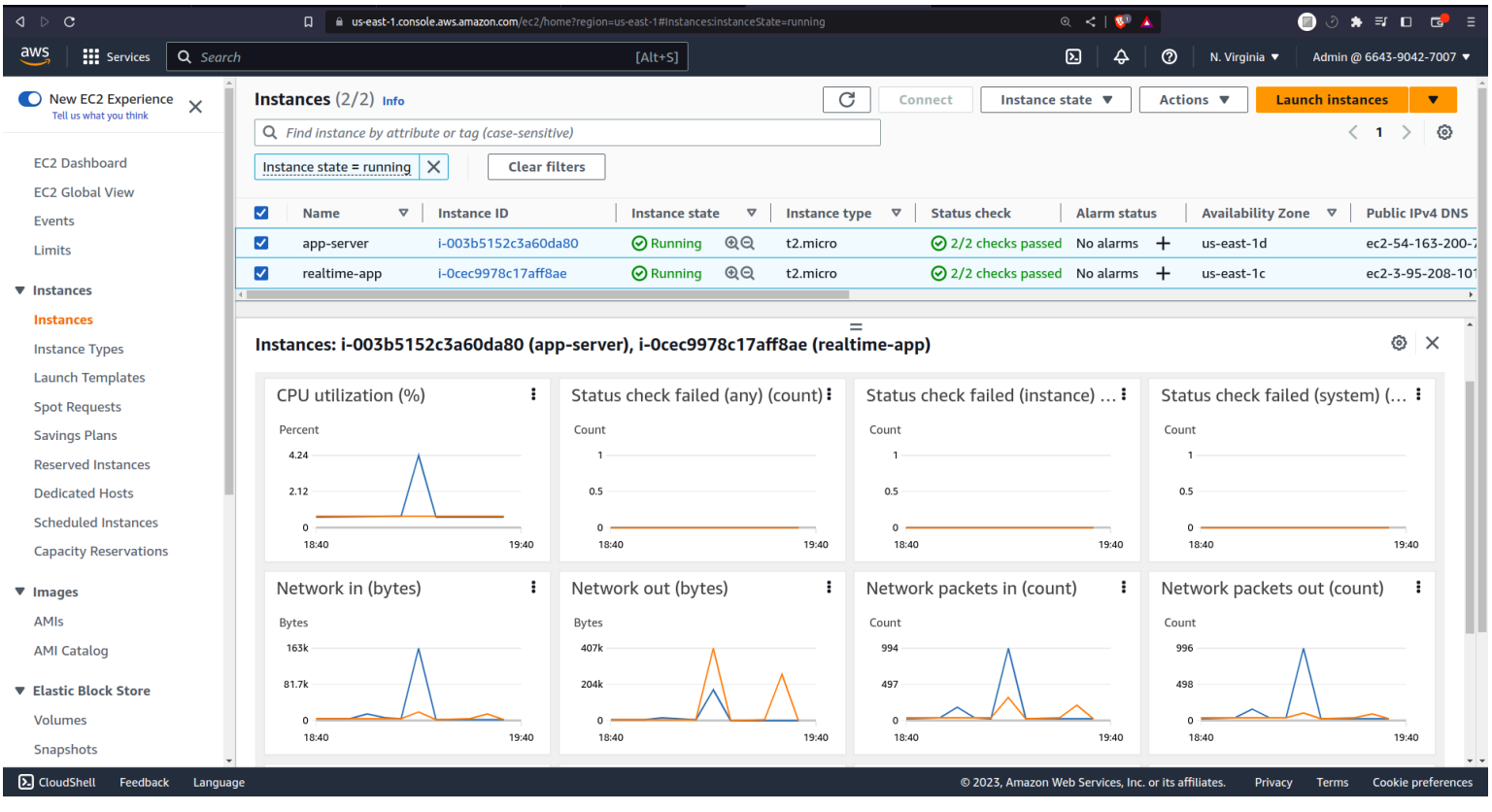
A. Build The App

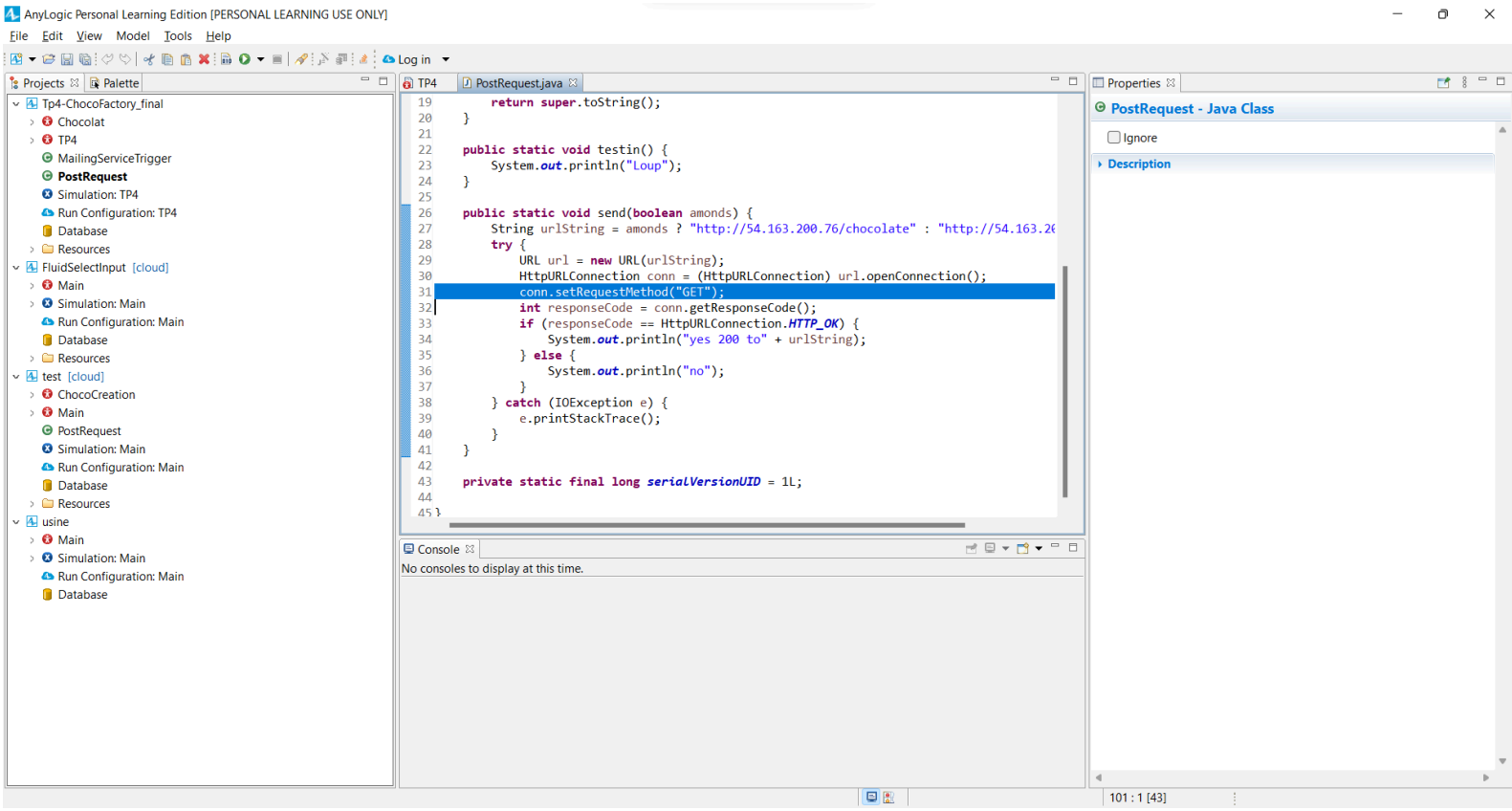
a. build an Express and React app with TypeScript that handles the two GET requests and displays the request counts in real-time

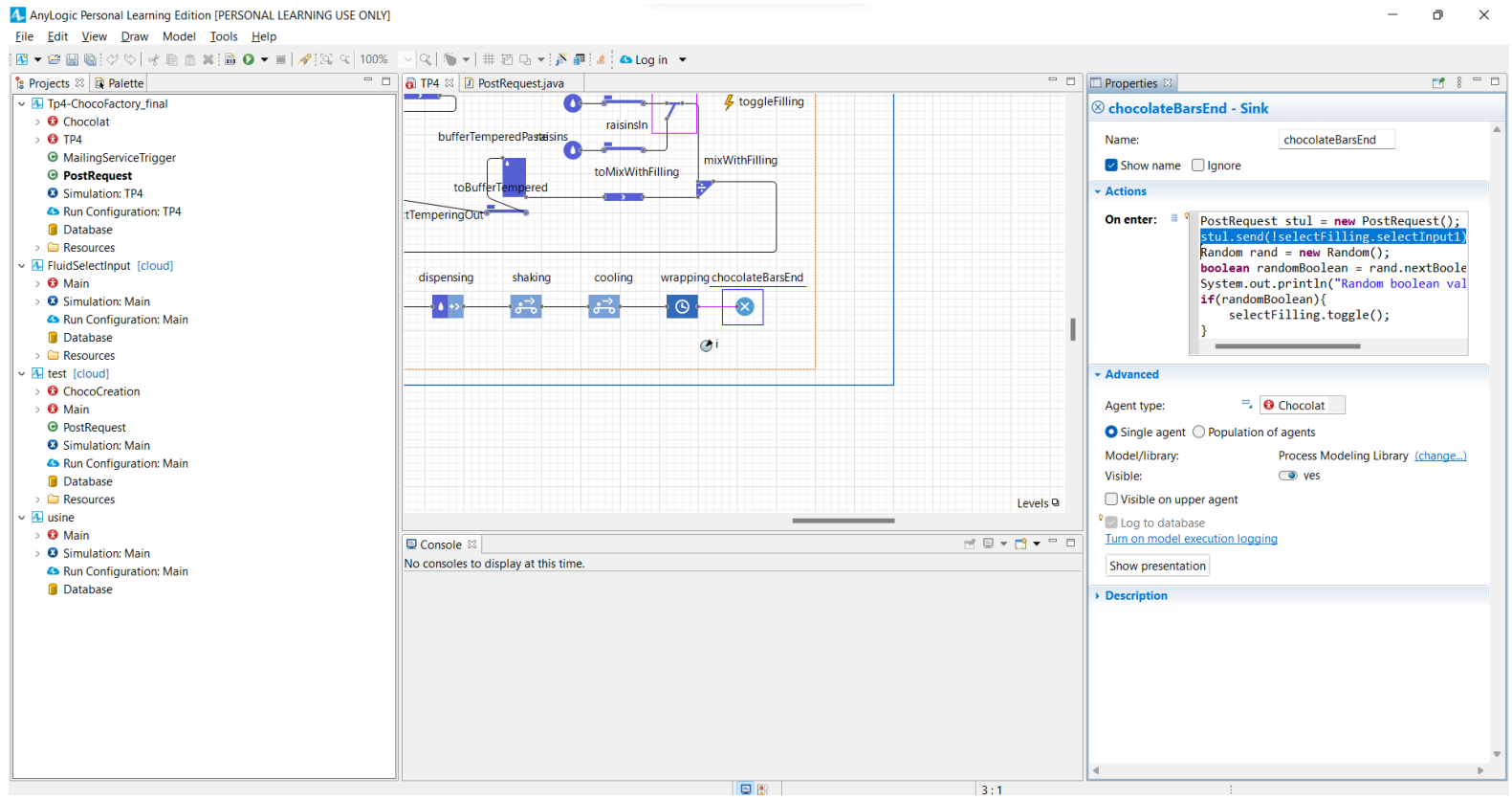



b. Deploy The Backend app and the Frontend app to separate Amazon AWS servers

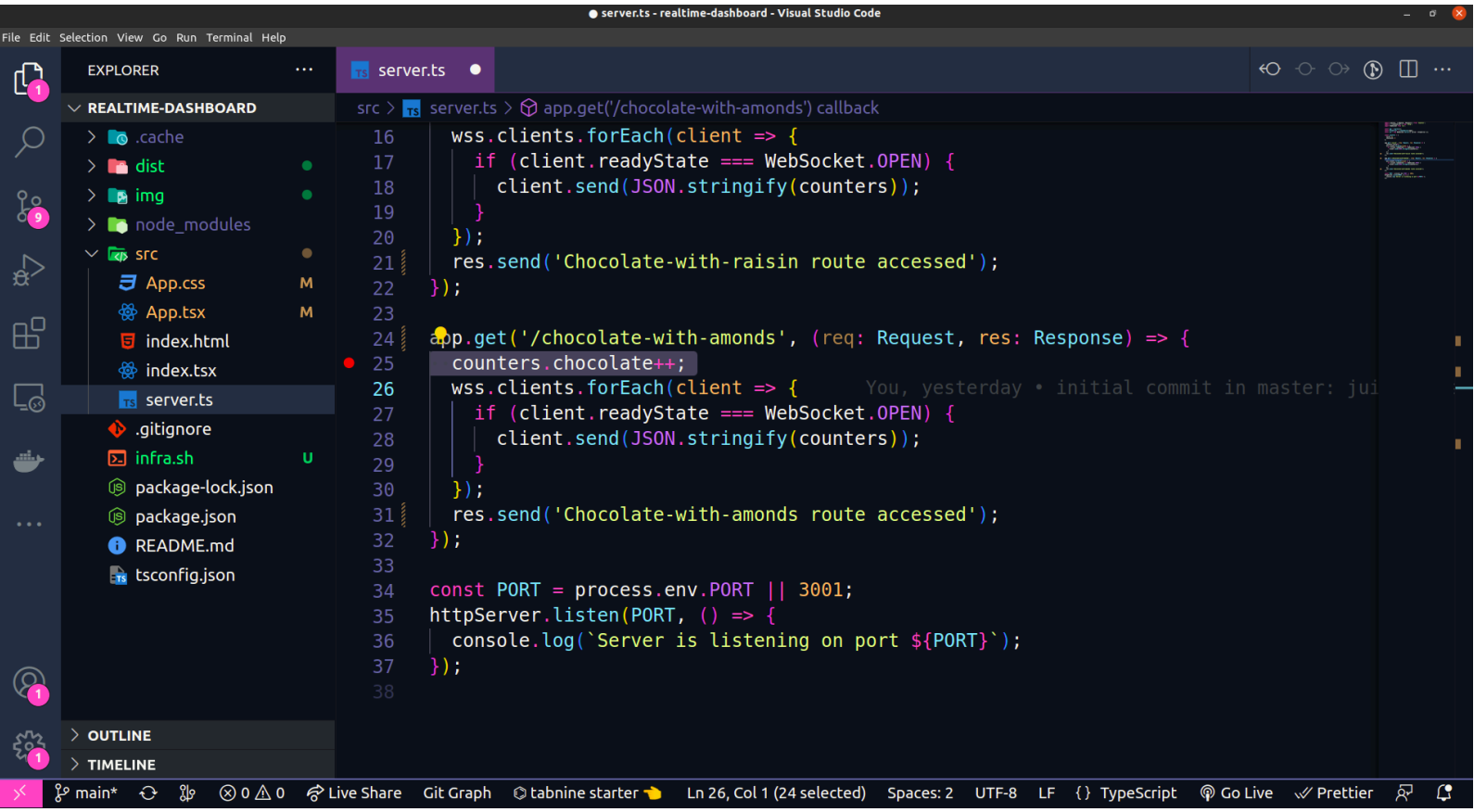


c. Build a Java Class inside the AnyLogic Client, so that after the production of each type of product



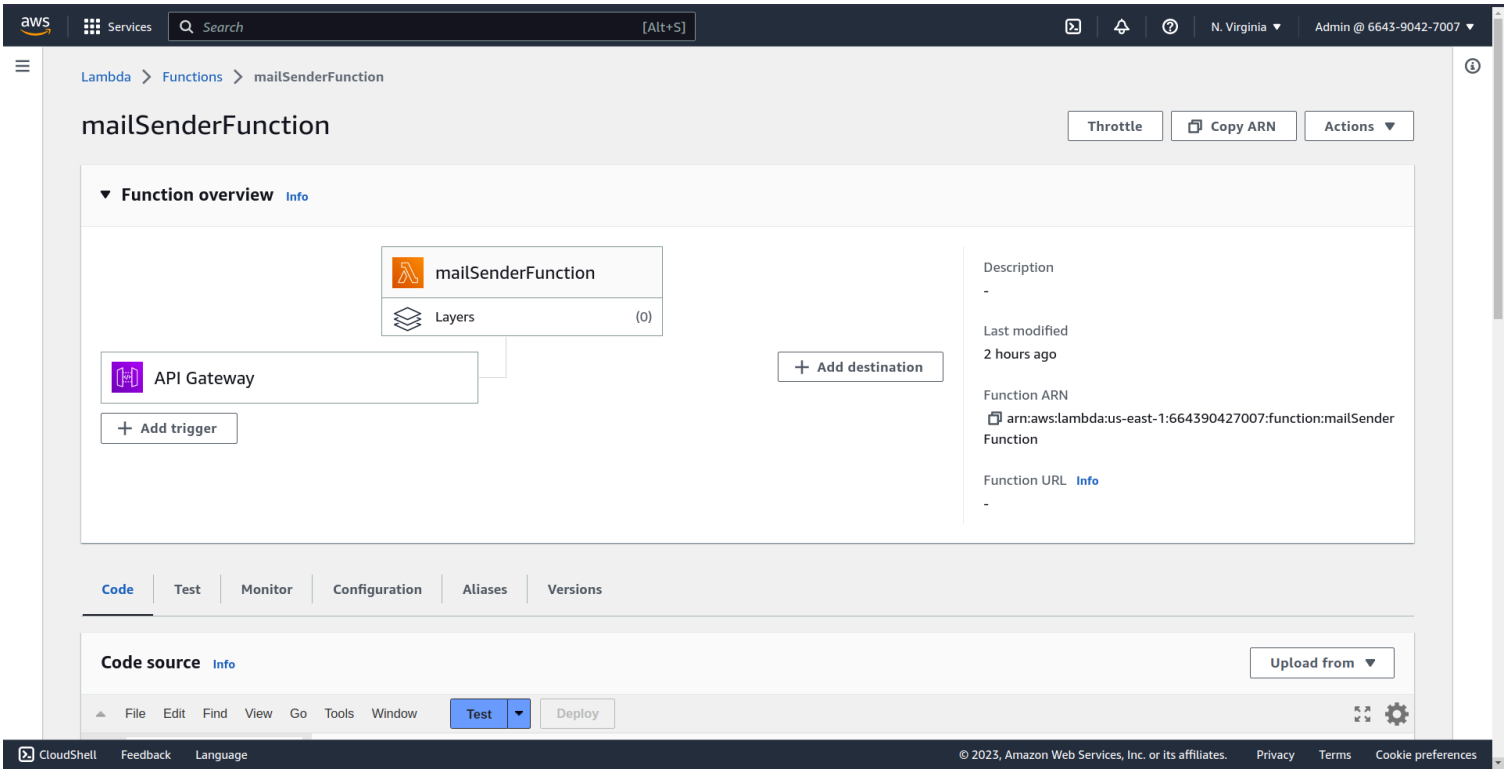



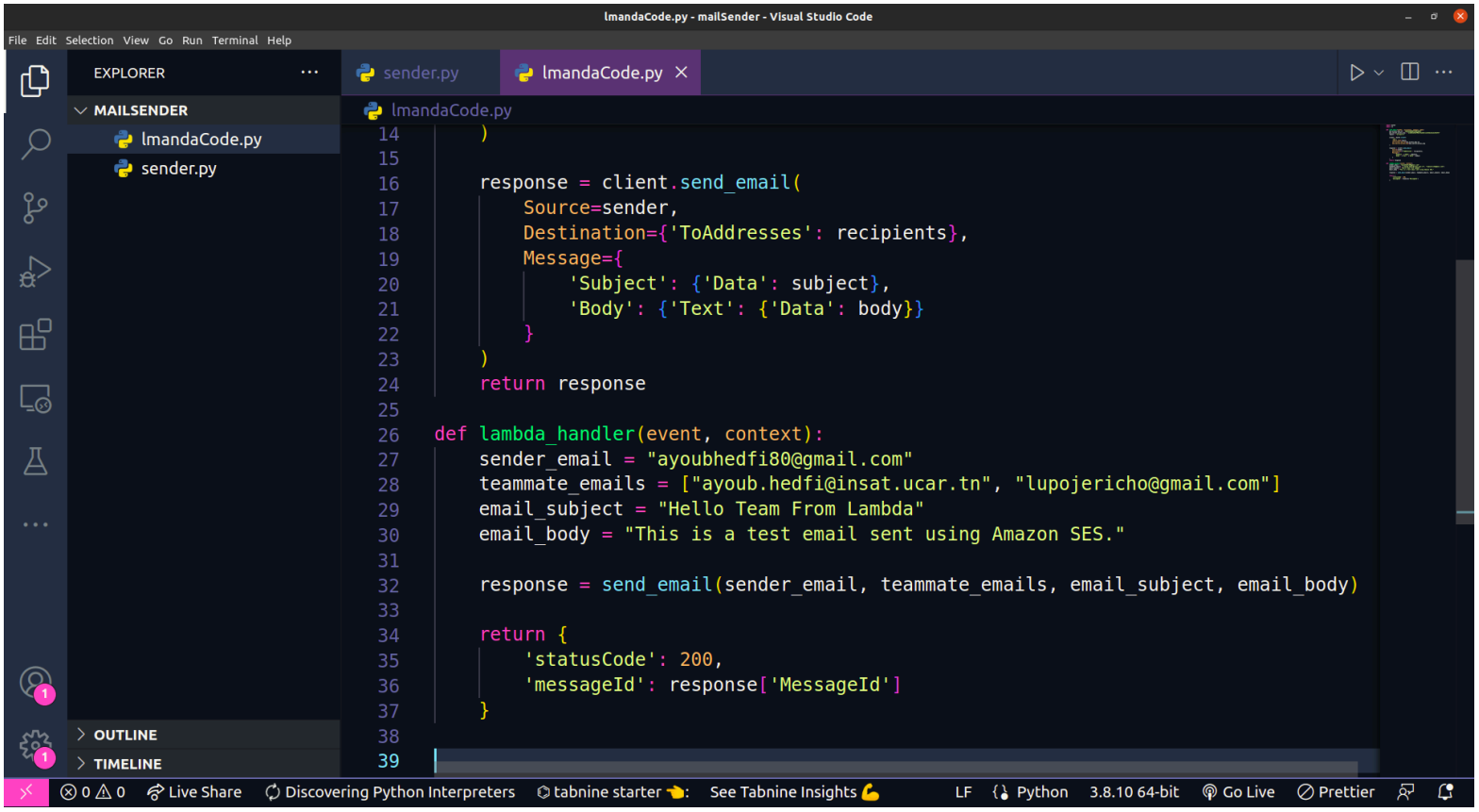
d. this event will trigger the backend Server to notify it about the final Creation of a new specific type of product, so that the server would count and display in real-time the number of final Products of each type



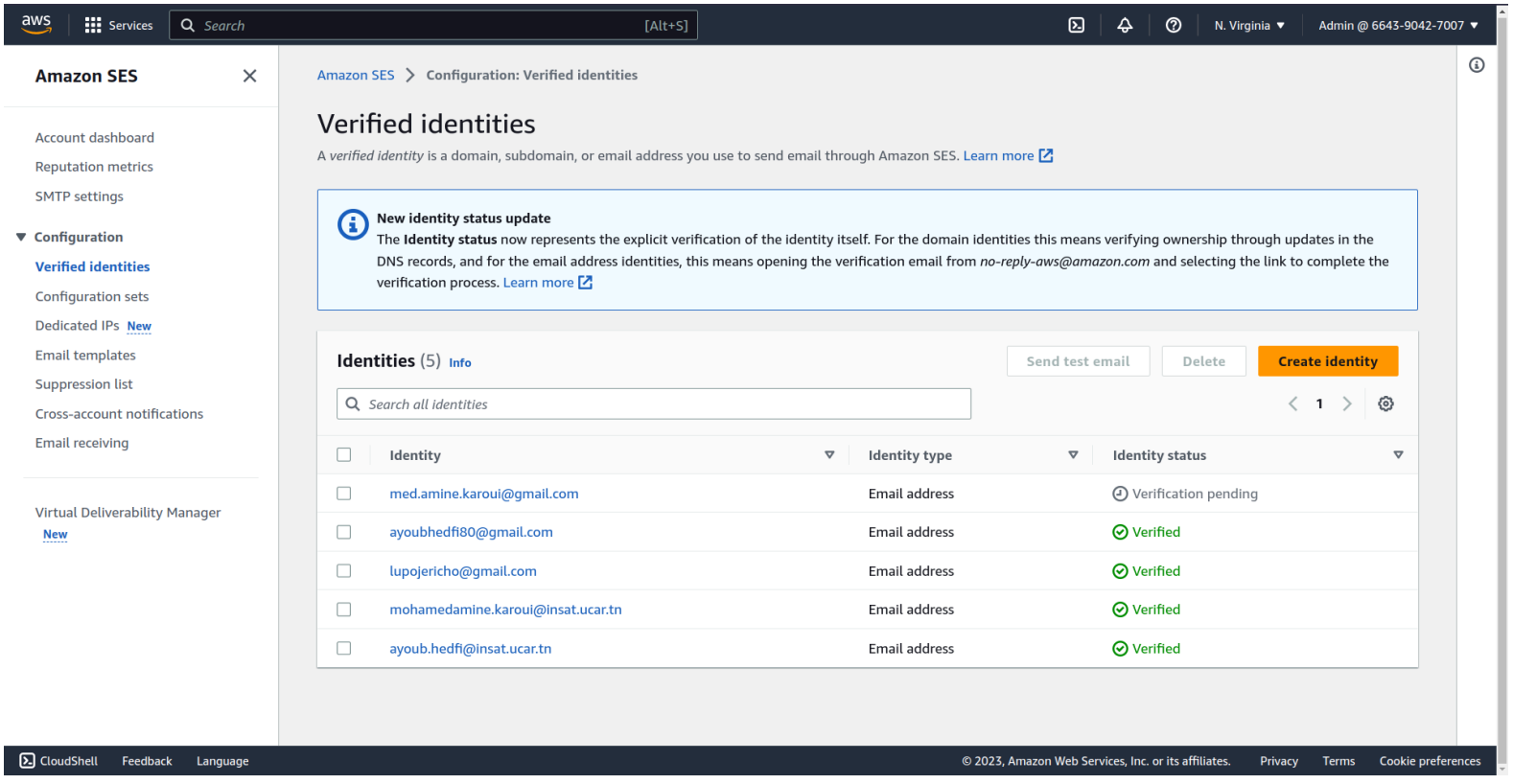

B. The Mailing Service

a. Create an API endpoint that Triggers a Lambda function, which is going to handle the process of sending emails to Suppliers or Special Customers (For example after passing a command of 50 products)






c. Create the Mailing Client (Amazon Simple Email Service ) to Manage Verified emails of the Costumers plus Contact-Sales emails



d. This would the Java Script that would Triger the event of reaching 50 Products to send the emails to Customers