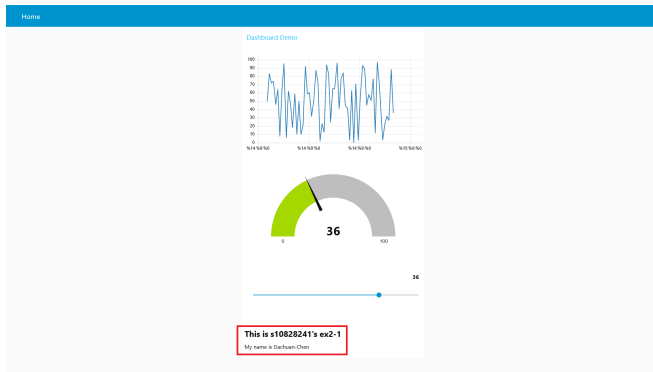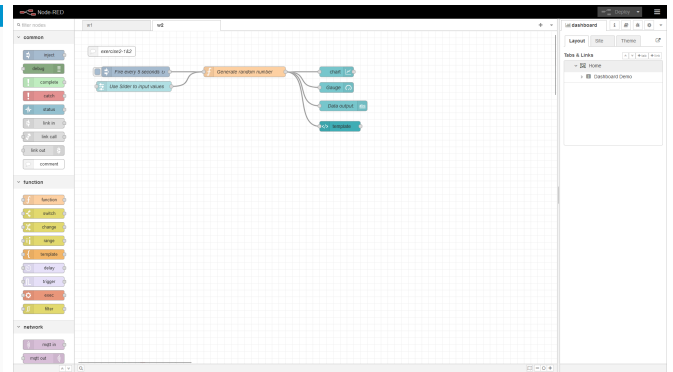# 物聯網實務第二周作業

電機四乙10828241 陳大荃

September 22, 2022

Exercise 2-1

(a) Dashboard

(b) Node-RED Flow

(c) Fire every 5 seconds

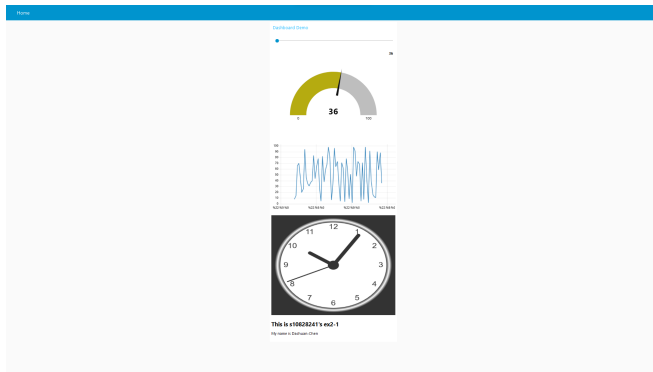(d) Use Slider to input values

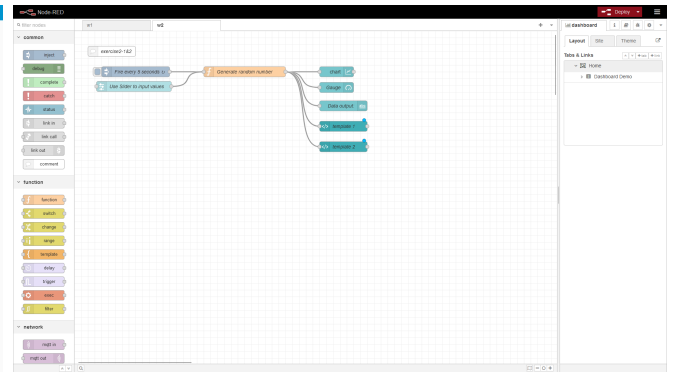(e) Generate random number

(f) chart

(g) Gauge

(h) Data output
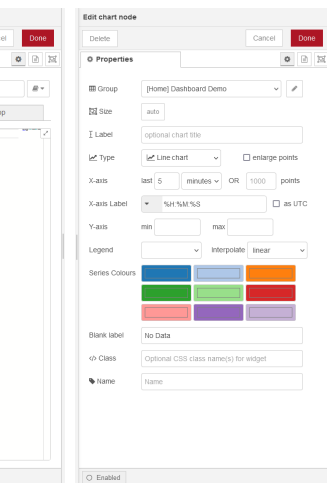

(i) template

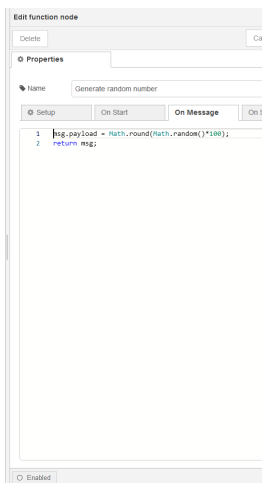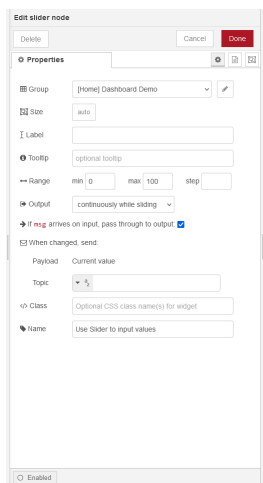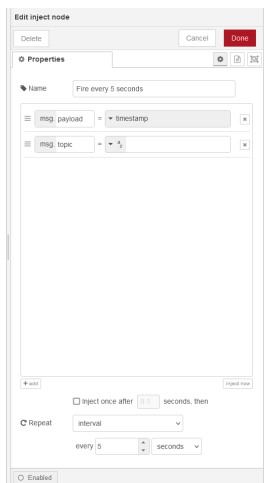Figure 1: Add text to dashboard.

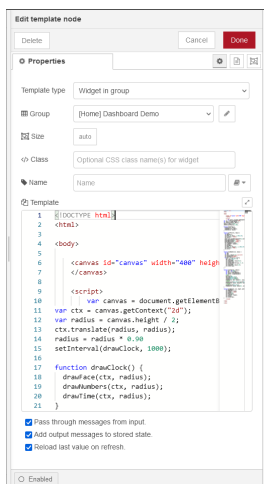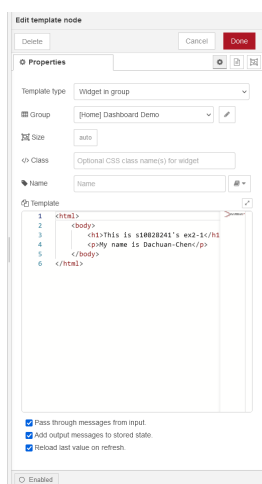**Exercise 2-2**

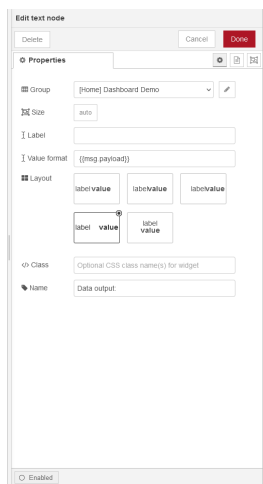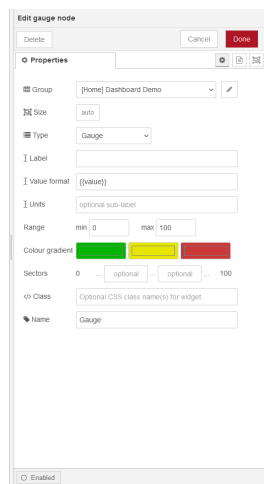(a) Dashboard

(b) Node-RED Flow

(c) Fire every 5 seconds

(d) Use Slider to input values

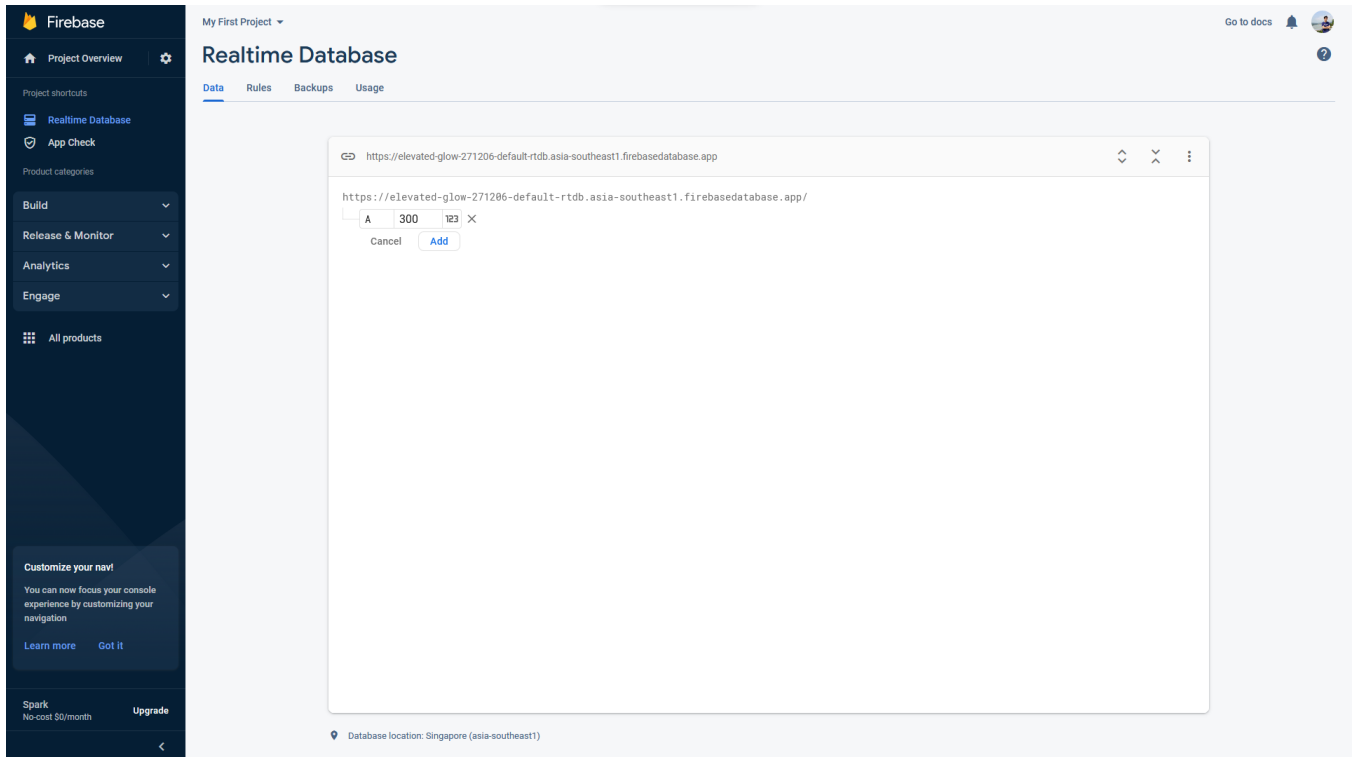(e) Generate random number

(f) chart

(g) Gauge

(h) Data output
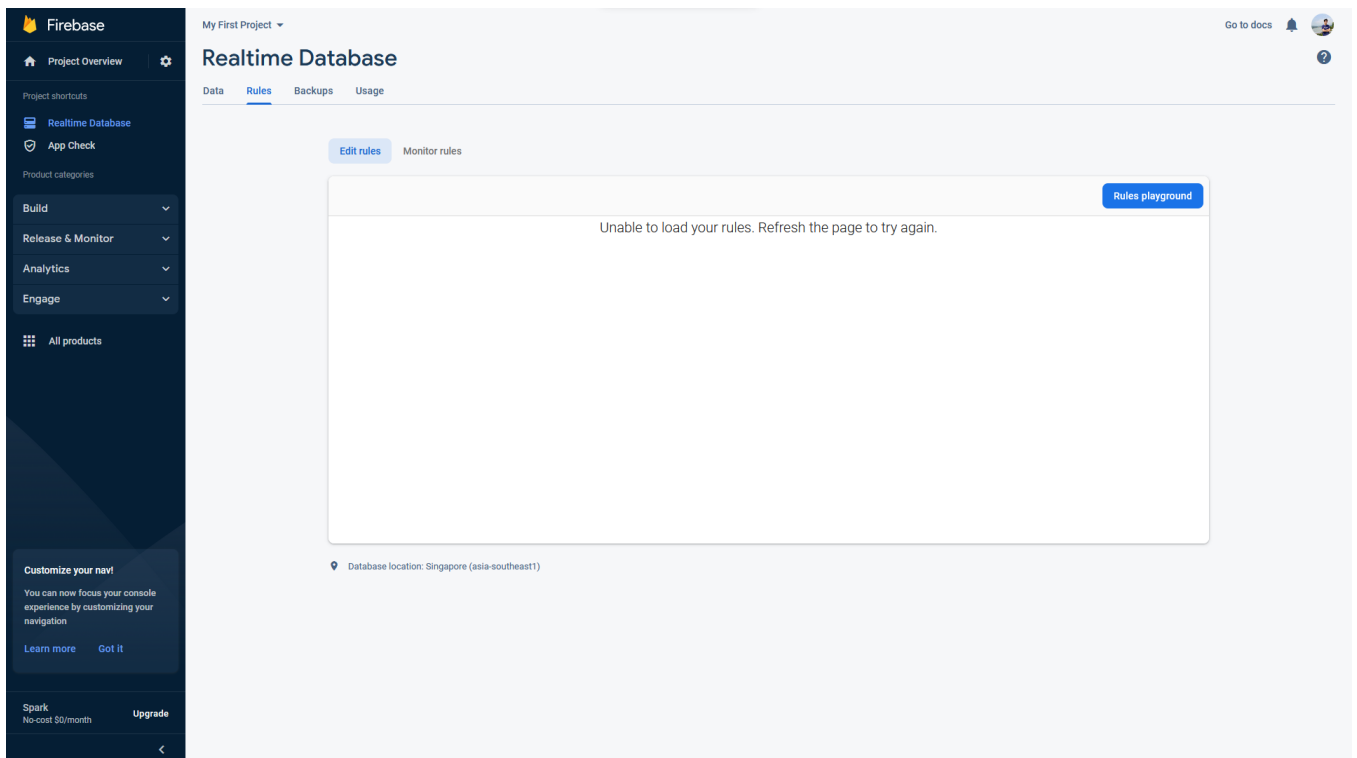
(i) template 1

(j) template 2

Figure 2: Add analog clock with template node in dashboard

Exercise 2-3

(a) Finish realtime database initialization.

(b) Unable to load rules.

Figure 3: Establish firebase Realtime Database

The requirement for exercise 2-3 is fulfilled. However, when trying to change the rules of the database, the website can't properly load rules, and the same bug can't be found in the search result. The closest one I've found is this: firebase-database-rules-tab-not-working.