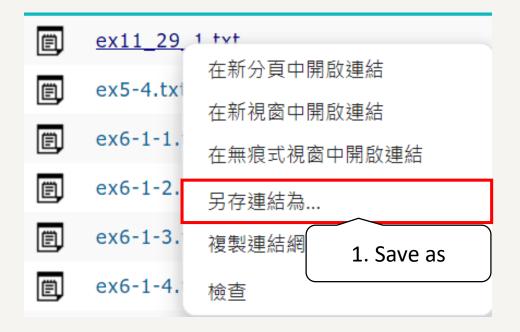
物聯網實務 HW11

電機碩一 11278008 林佳慧

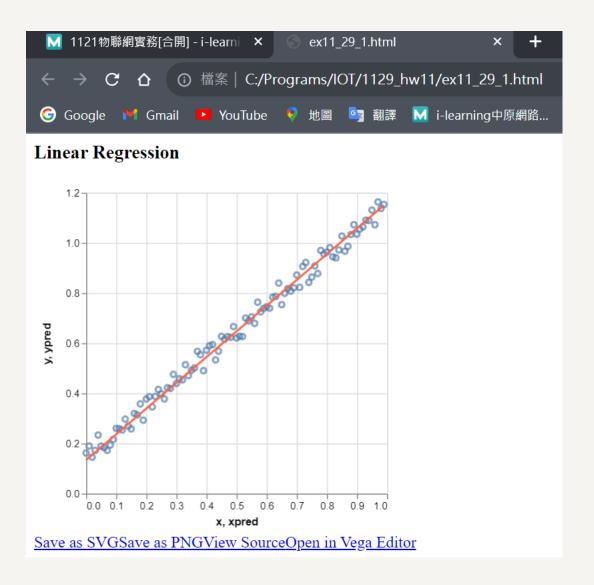
日期:2023/11/29

ex11_29_1.html (copy from ex11_29_1.txt)

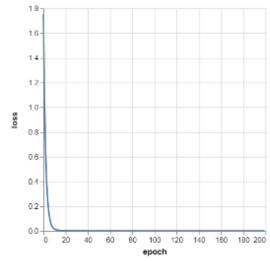




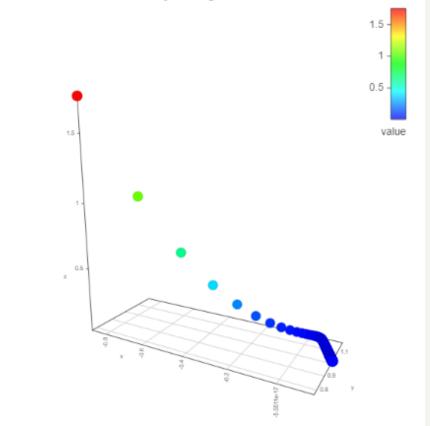
Result



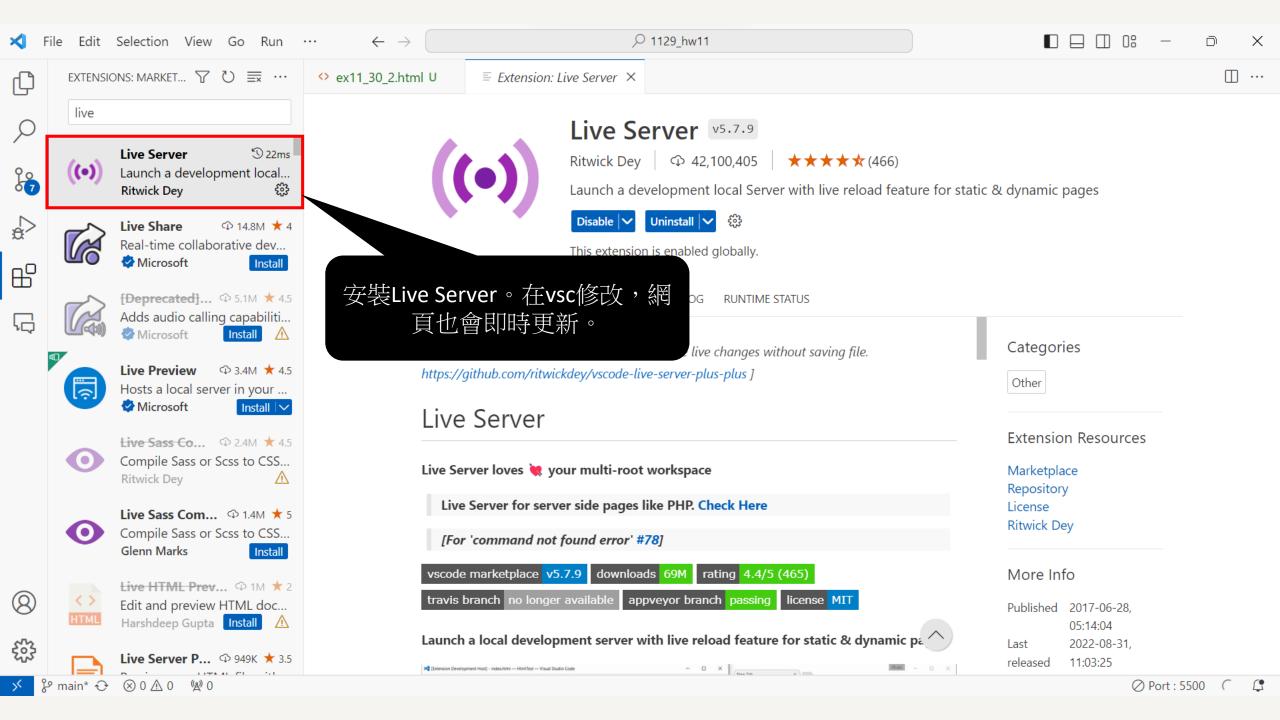
Save as SVGSave as PNGView SourceOpen in Vega Editor



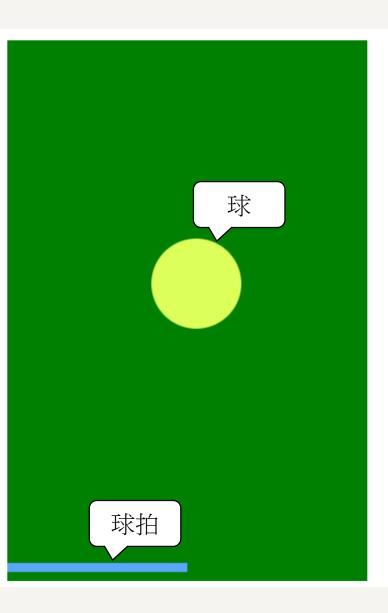
Save as SVGSave as PNGView SourceOpen in Vega Editor

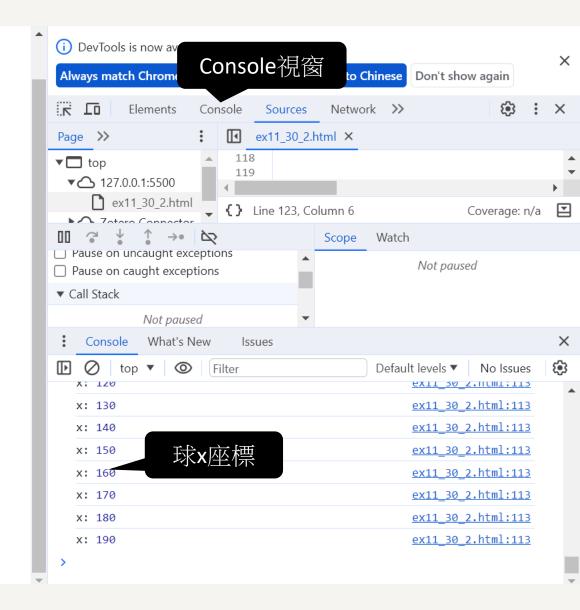


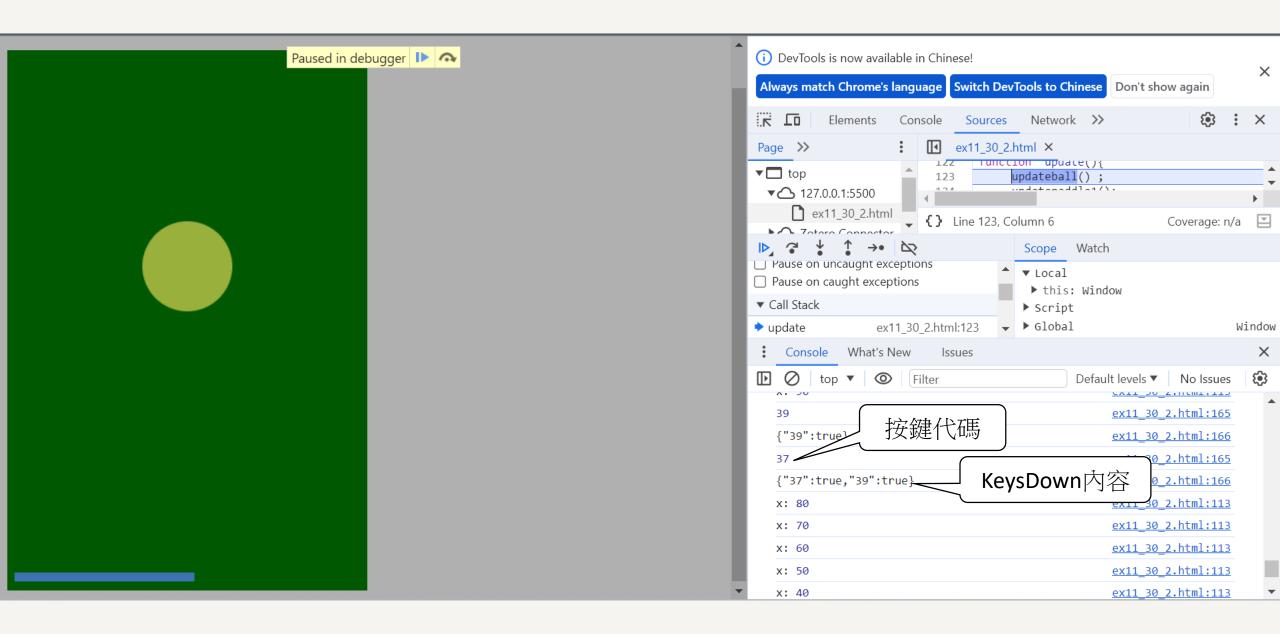
- ex11_29_1.html
- (copy from ex1129_.txt)
- Ping pong game



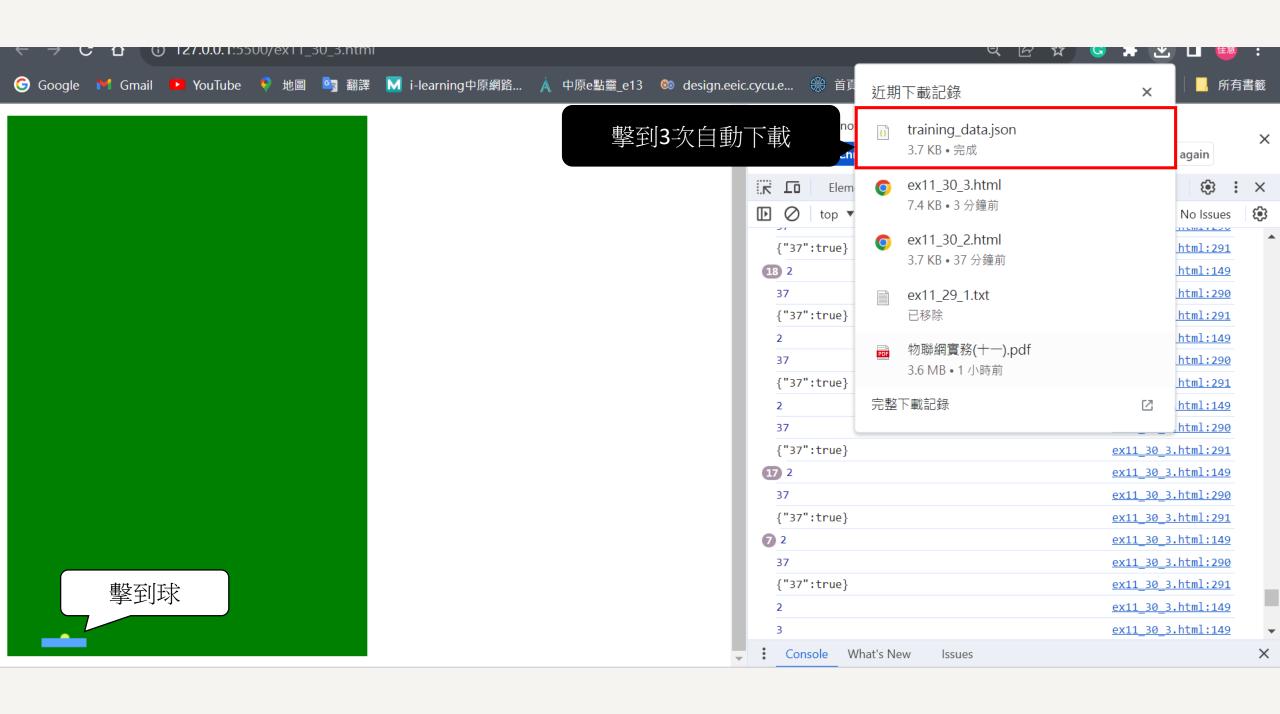


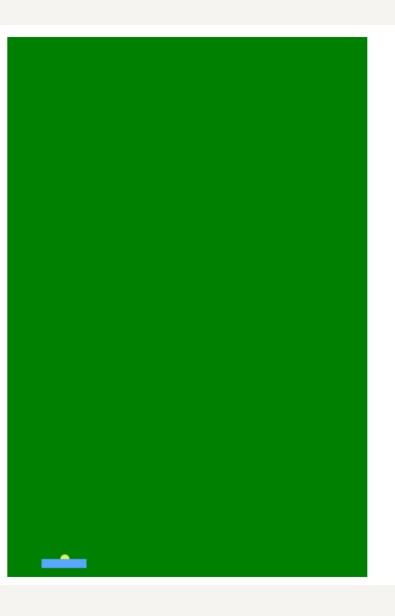


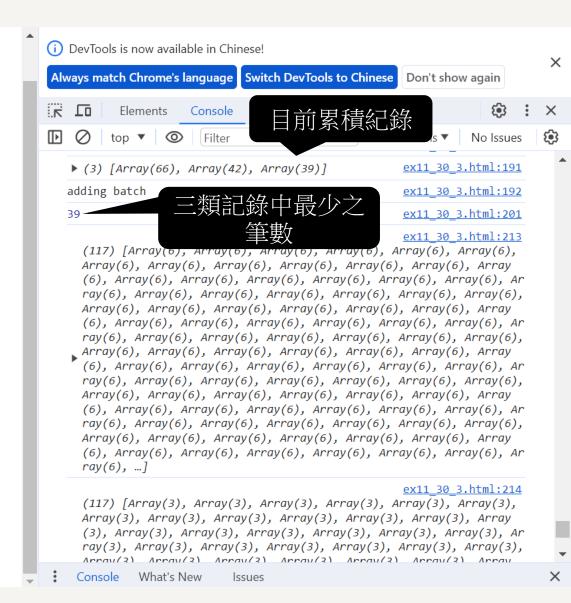




- ex11_29_3.html
- (copy from ex11_29_3.txt)
- Record playing data





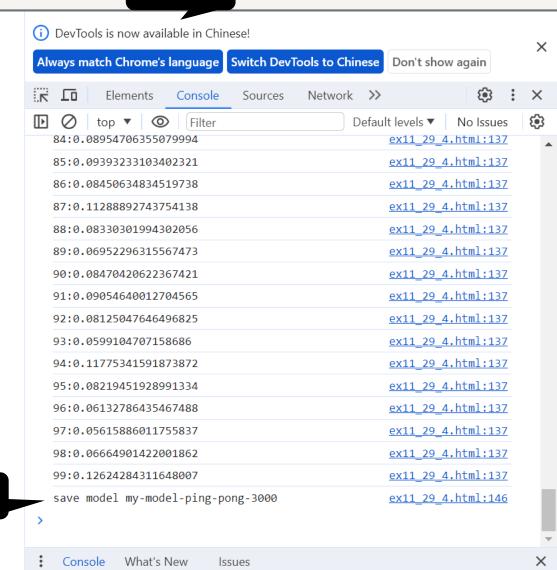


- ex11_29_4.html
- (copy from ex11_29_4.txt)
- Train model

請選出一個乒乓球遊戲紀錄檔

select *.json data file 選擇檔案 training_data_3000.json

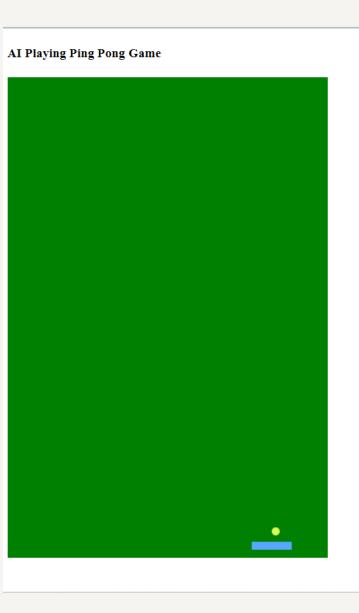
1.選擇檔案

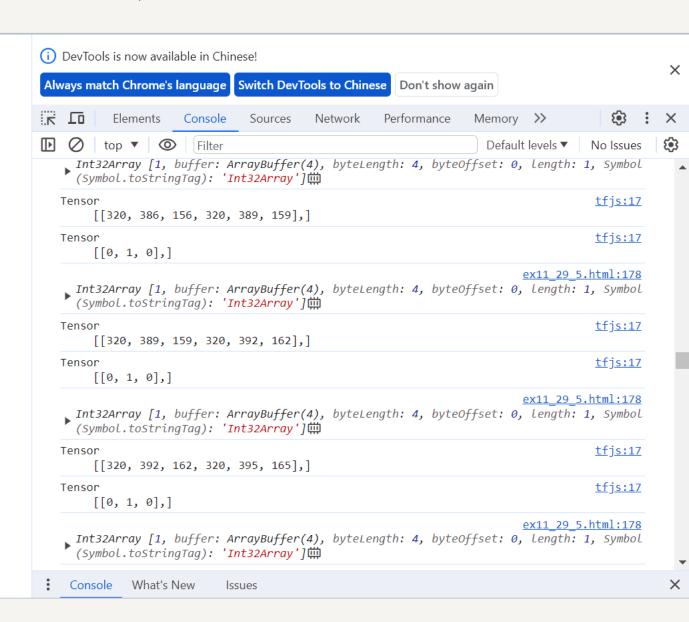


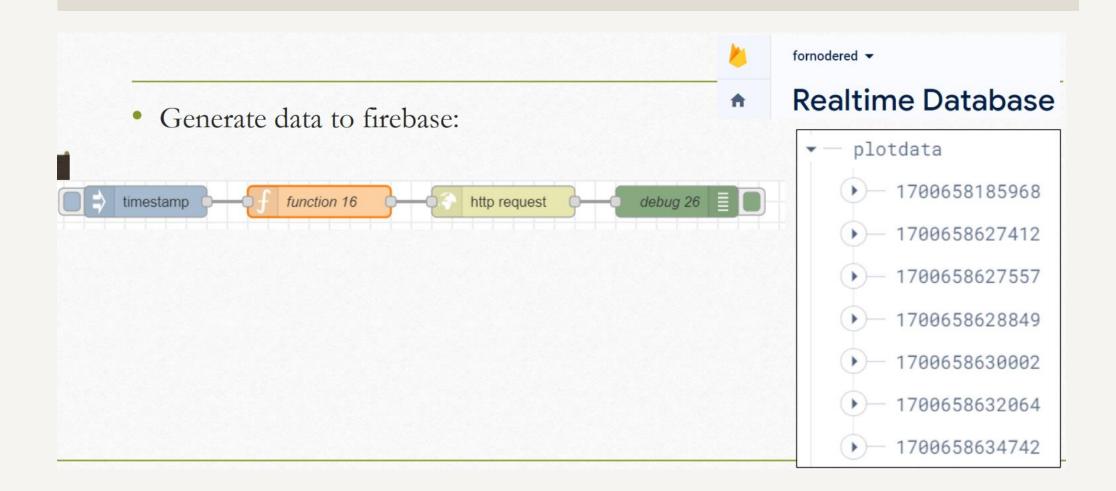
儲存模型

- ex11_29_5.html
- (copy from ex11_29_5.txt)
- AI play ping pong game

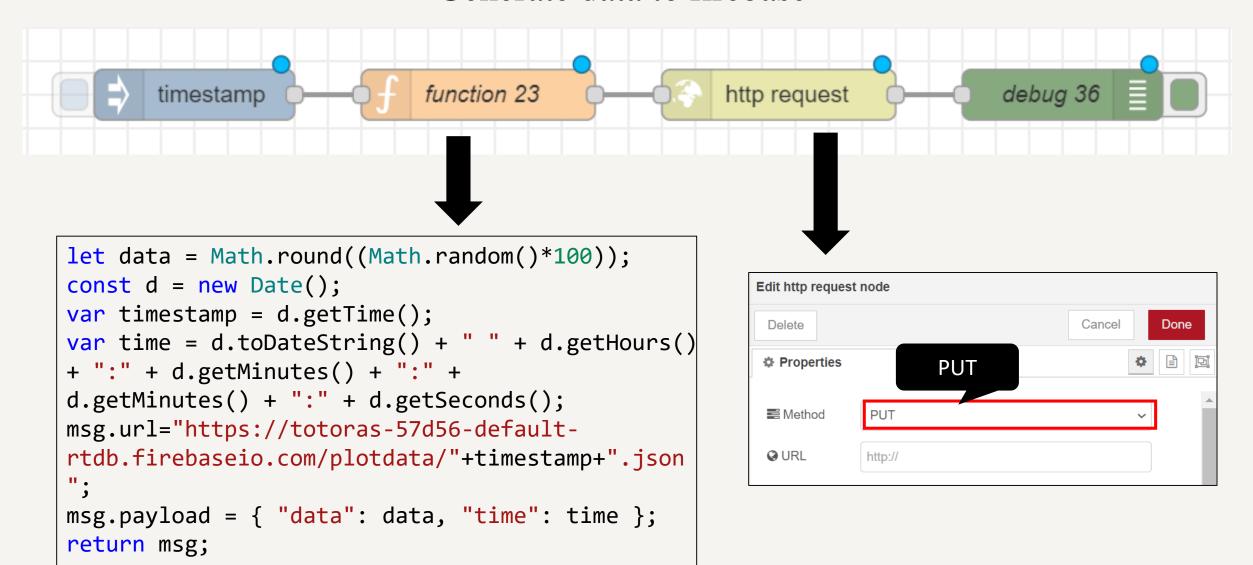
從ex11-4的訓練模型,AI會自己打乒乓球



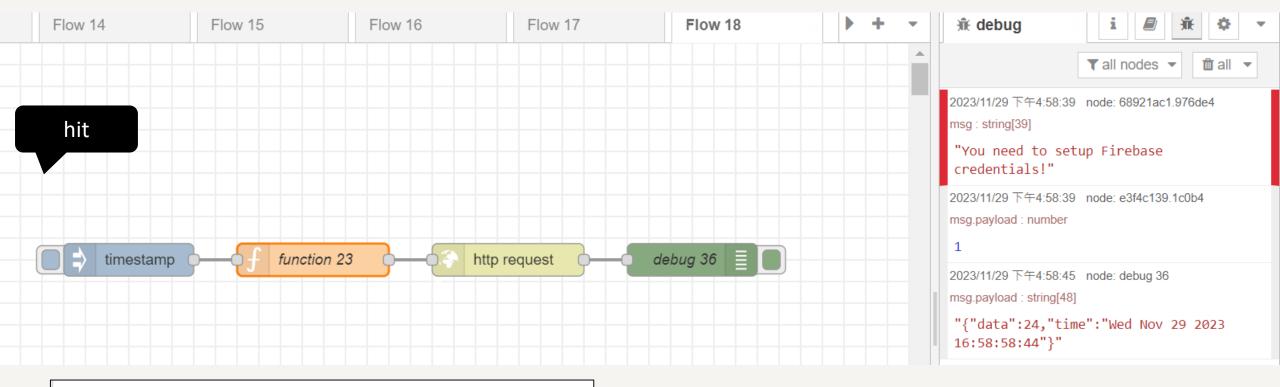


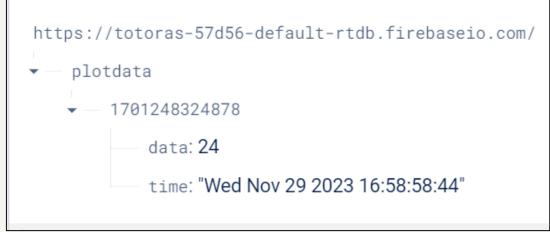


Generate data to firebase



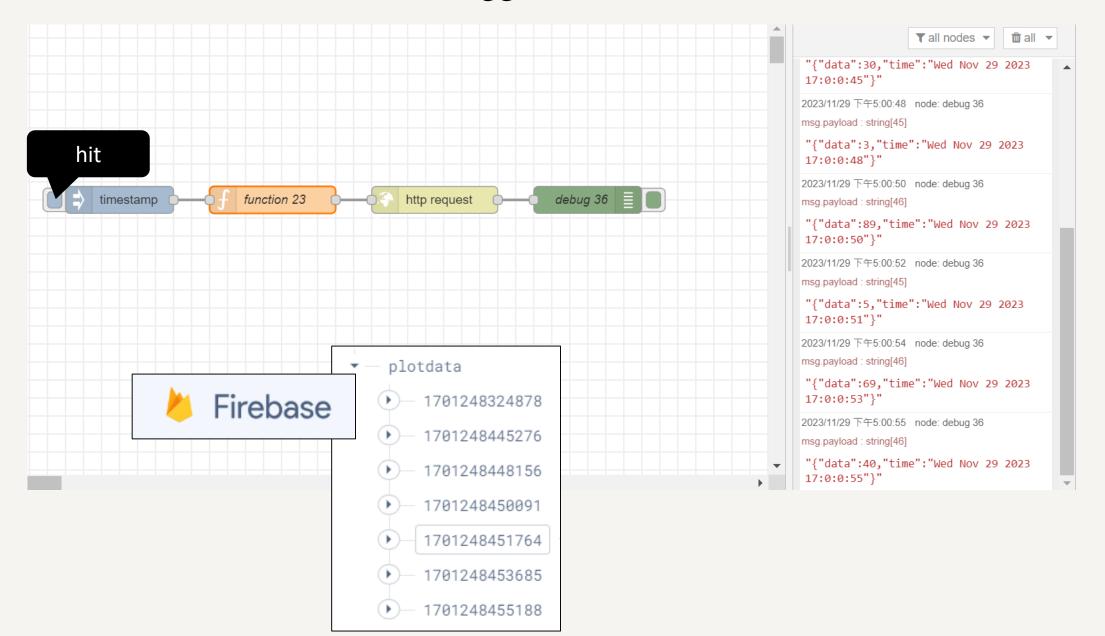
Trigger

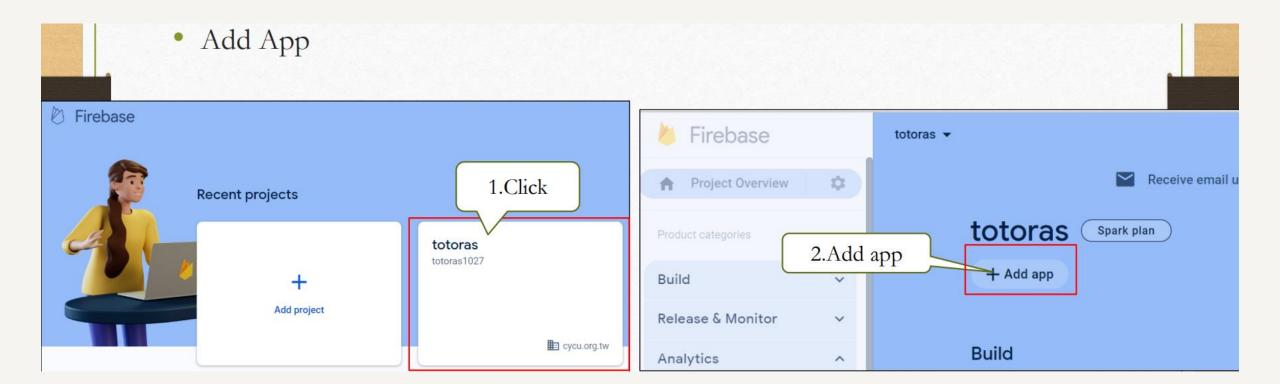




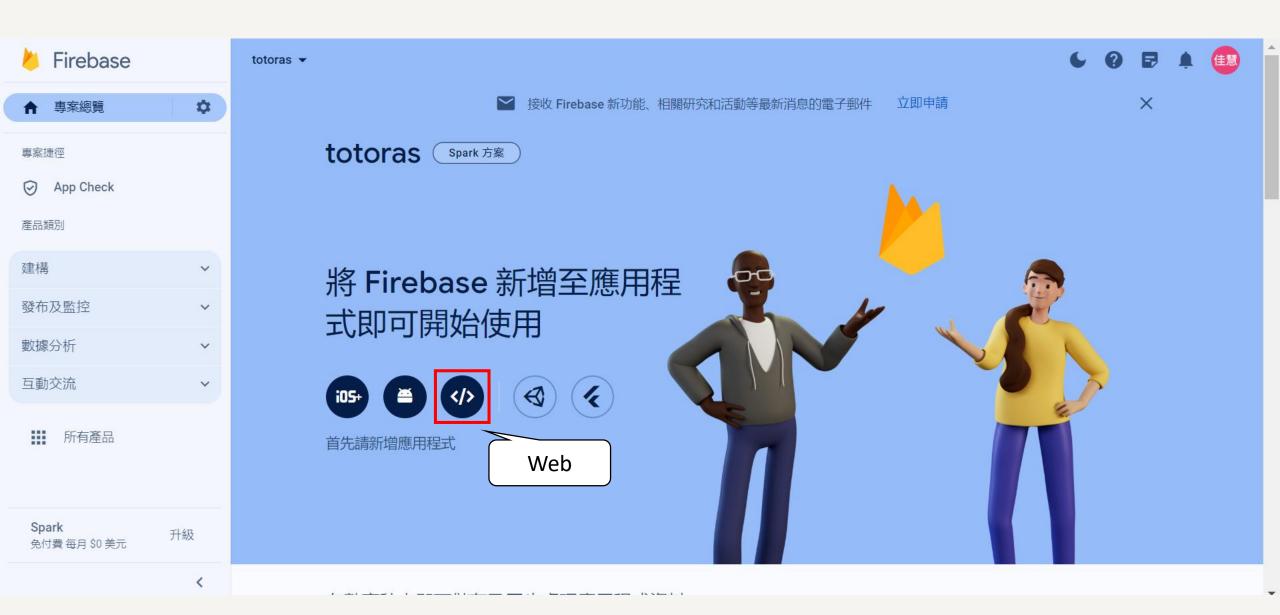
隨機產生data

Trigger 6 times





Add Web



× 將 Firebase 新增至您的網頁應用程式

註冊應用程式 Plotdata 應用程式暱稱 ? Plotdata 一併為此應用程式設定 Firebase 託管功能。 瞭解詳情 🖸 你也可以之後再設定託管功能。無論何時開始使用託管功能,你都無須付費。 註冊應用程式

2 新增 Firebase SDK



Use a <script> tag

使用 npm



使用 <script> 標記

如果不希望使用建構工具,你可以透過這個選項新增及使用 Firebase JS SDK。使用這個選項即可輕鬆展開作業,但不建議用於已正式推出的應用程式。<u>瞭解詳</u>情 🖸。

使用任何 Firebase 服務之前,請先複製這些指令碼並貼到 <body> 標記的最下方:

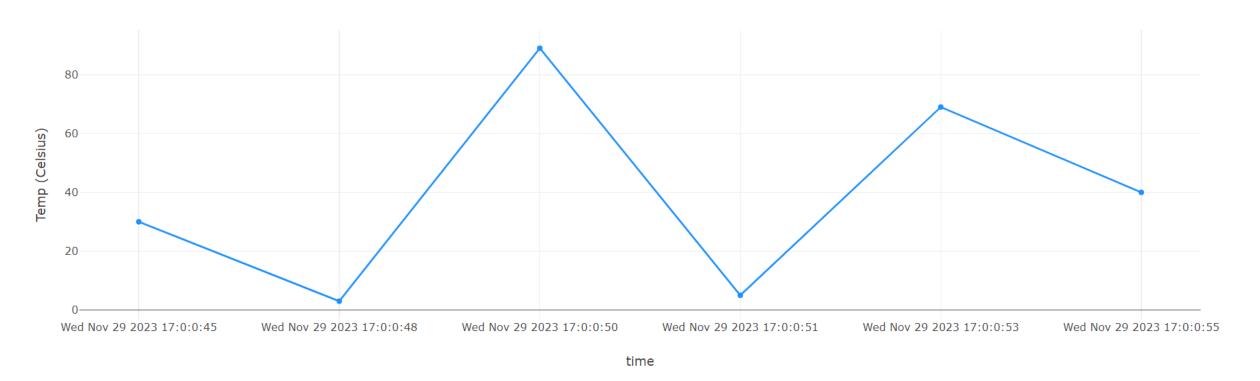
```
<script type="module">
// Import the functions you need from the SDKs you need
import { initializeApp } from "https://www.gstatic.com/firebasejs/10.7.0/fire
import { getAnalytics } from "https://www.gstatic.com/firebasejs/10.7.0/fireb
// TODO: Add SDKs for Firebase products that you want to use
 // https://firebase.google.com/docs/web/setup#available-libraries
 // Your web app's Firebase configuration
 // For Firebase IS SDK v7 20 0 and later measurementId is optional
 const firebaseConfig = {
   apiKey: "AIzaSyA
                                                              Copy
   authDomain: "tot
   projectId: "toto
  storageBucket:
  messagingSender]
   appId: "1:570004
                                                   Зe",
  measurementId: 'סט/פּיַעטעטאָש-ט
 // Initialize Firebase
```

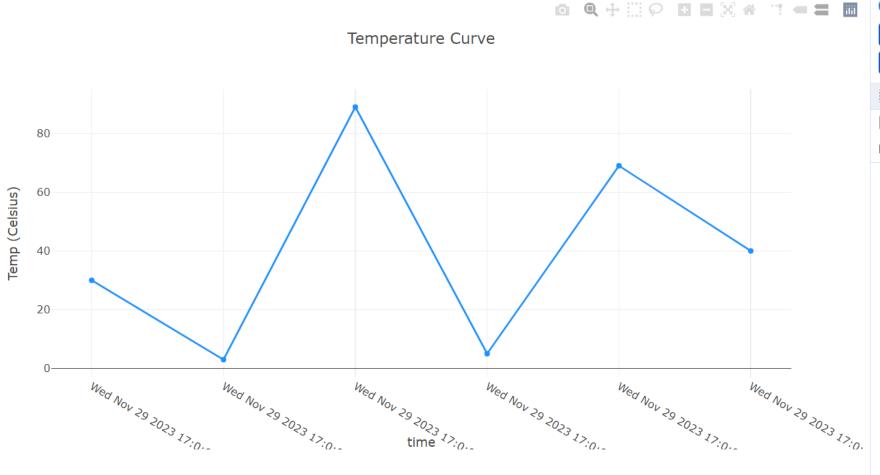
Paste and save to ex_11_29_7.html

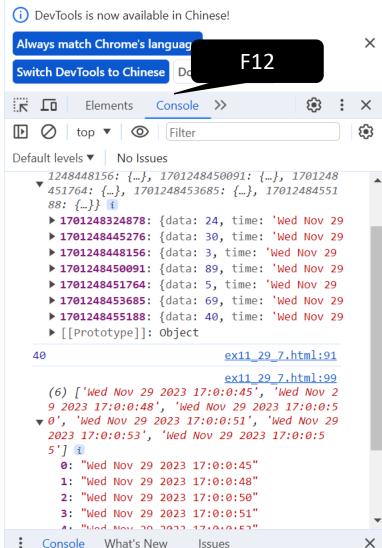


Result

Temperature Curve





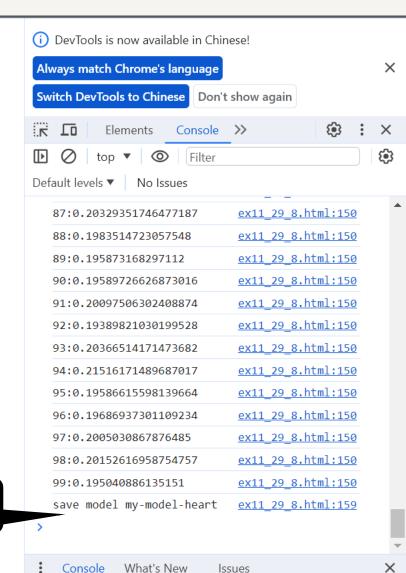


- Training Model
- ex11_29_8.html
- (copy from ex11_29_8.txt)

請選出一個紀錄檔

select *.json data file 選擇檔案 training_data.json

1. Choose training_data.json

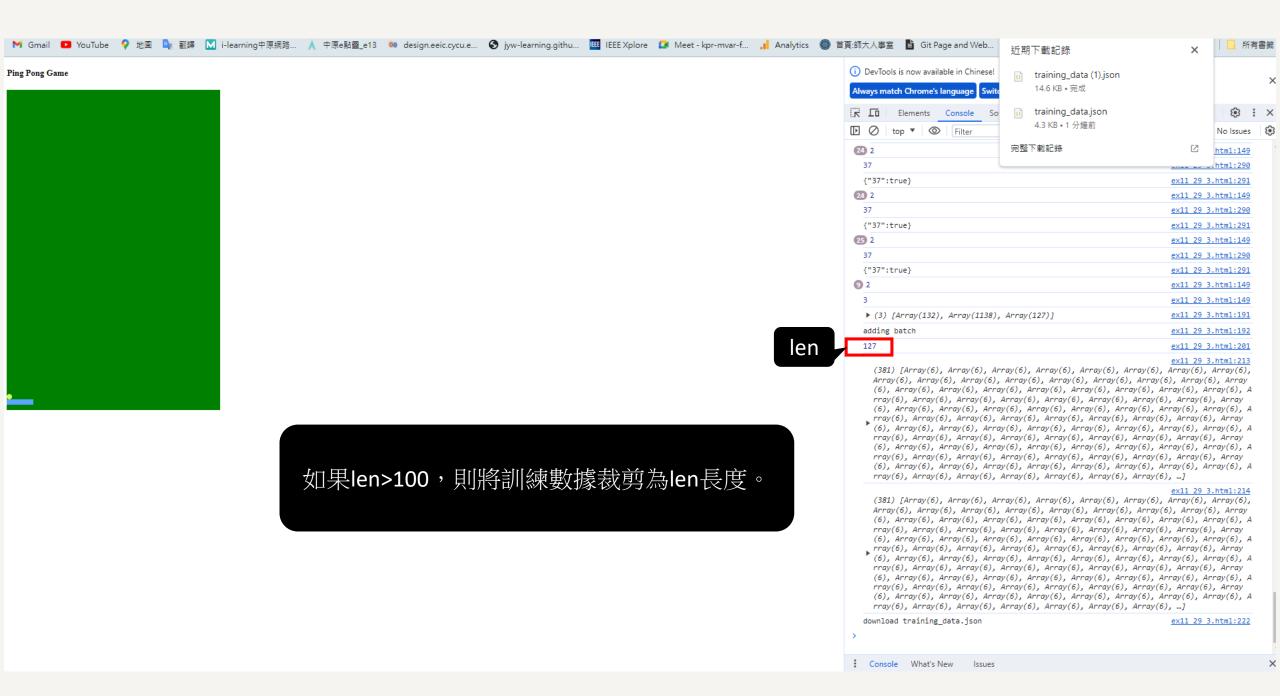


Save model

Homework 11-1

• change code: when the length of the record is larger than 100, the json file will be downloaded automatically

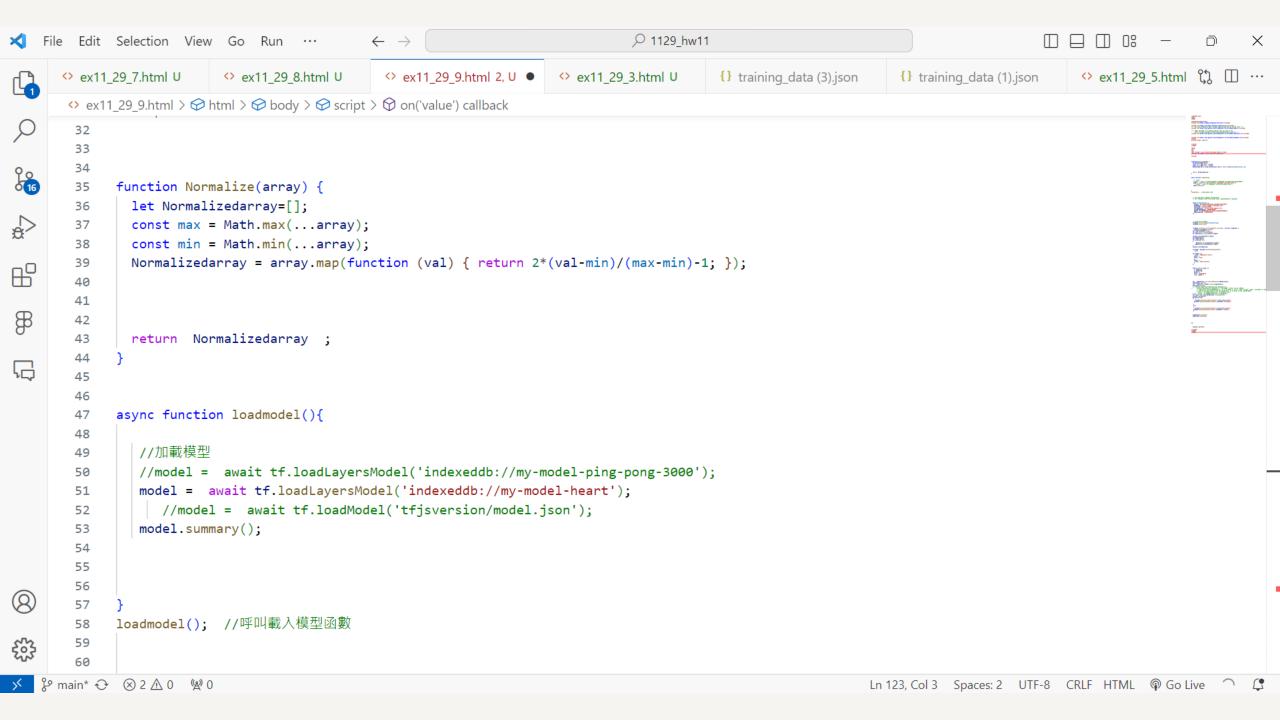




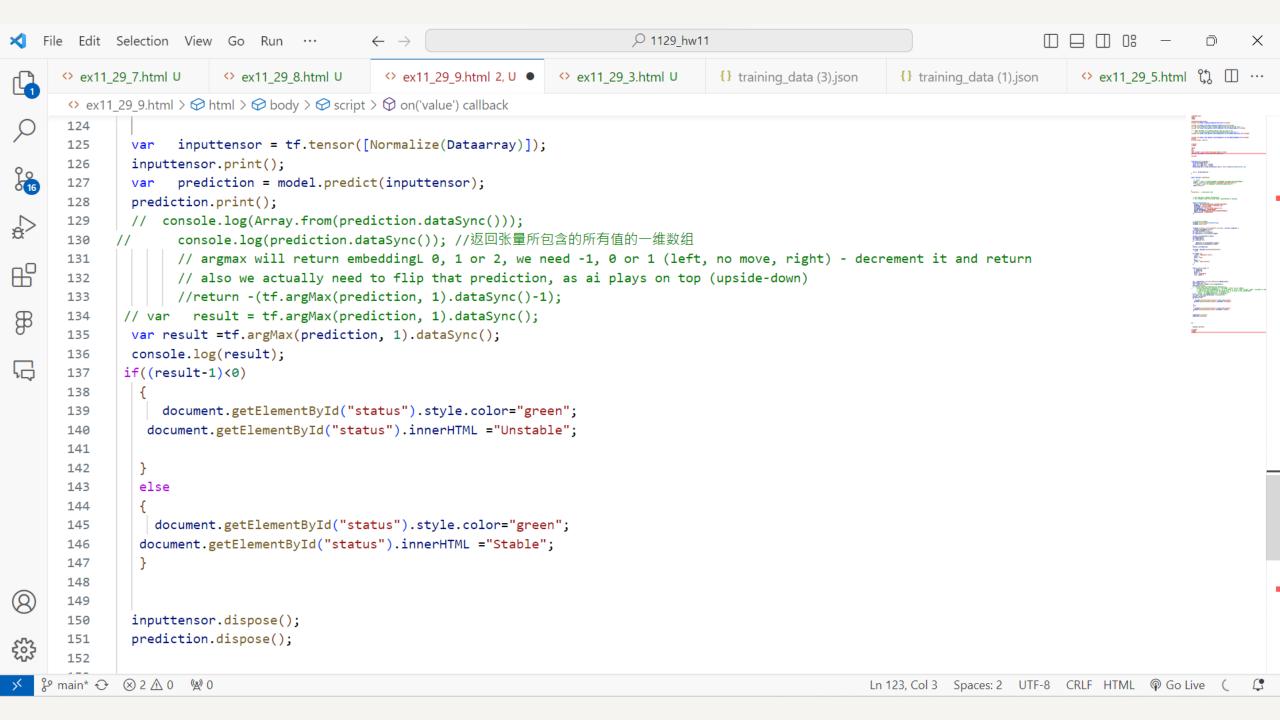
Homework 11-2

- Open "ex11_29_7.html" and save as "ex11_29_9.html"
- Delete /* */
- /* */





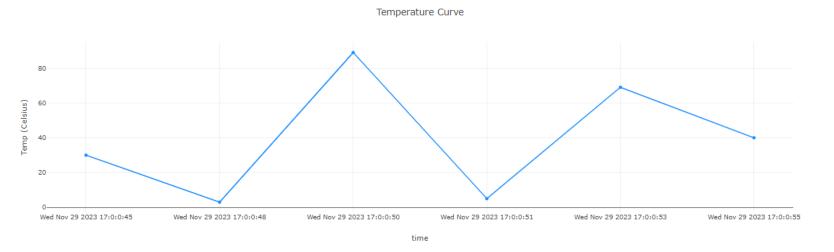




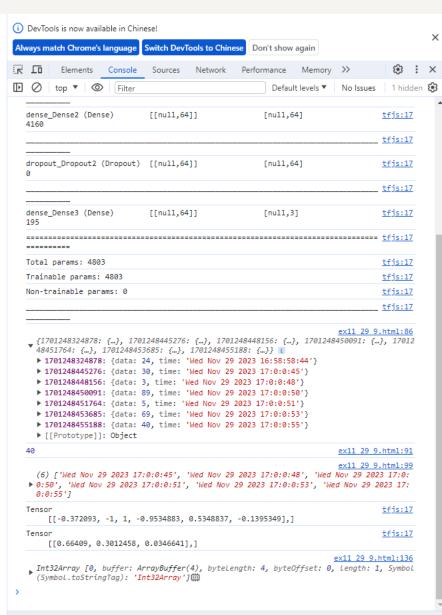
Result



Result



Unstable



: Console What's New