物聯網實務第十三周作業

電機四乙10828241 陳大荃

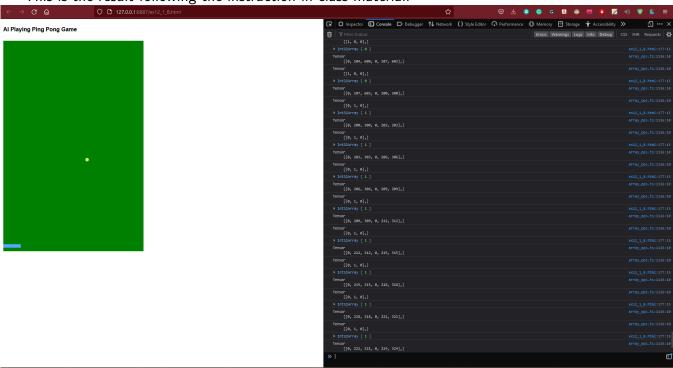
December 7, 2022

Exercise 12-1 Train model in python.

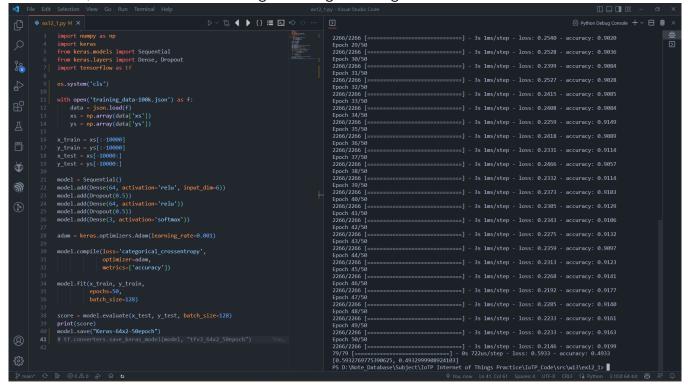
This is the result following the instruction of https://pythonprogramming.net/loading-keras-model-te According to the JavaScript file provided on the website, it loads a pre-trained model and uses it to compete with the player.



This is the result following the instruction in class material.



It is also possible to train with a local machine with "tensorflow" instead of "tensorflowjs." Using this method, we can utilize a much larger training set and get a decent result.



Exercise 12-2 Pong clone in JavaScript.

I uploaded the details about how this code runs at https://github.com/belongtothenight/IoTP_Code/blob/main/src/w12/ex11_7.md. Basically, it utilizes the data player created and trains new models according to it in real-time.

