**This lab is worth 3% of your final AI4G grade.**

**Due Friday February 3rd 17:00**

**Training an Artificial Neural Network via Backpropagation**

**Lab 8**

Follow the instructions in “Back Propagation Solution Walk Through.docx”.

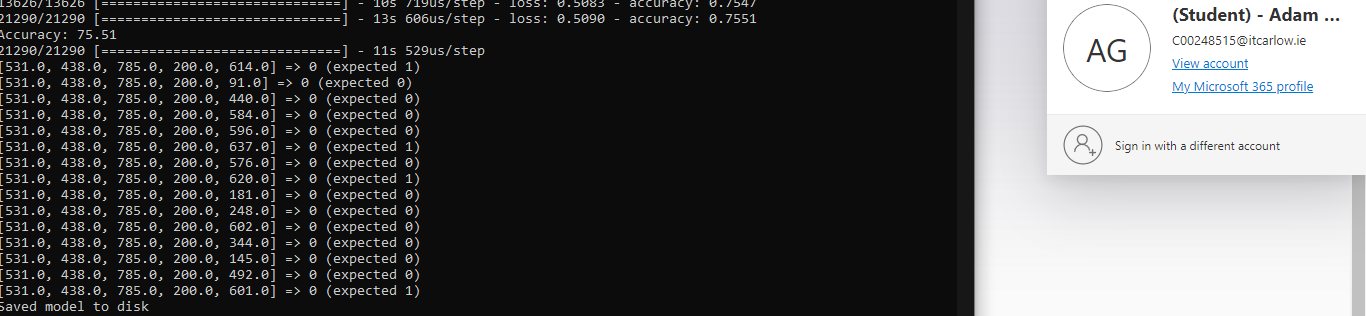
Type your name here 🡪 Adam Mcguigan

Copy in screen shots here to demonstrate completion of the following (something in the image should identify your own machine):

1. The TensorFlow training showing the 15 predictions it makes at the end of the training process.

Graphical user interface

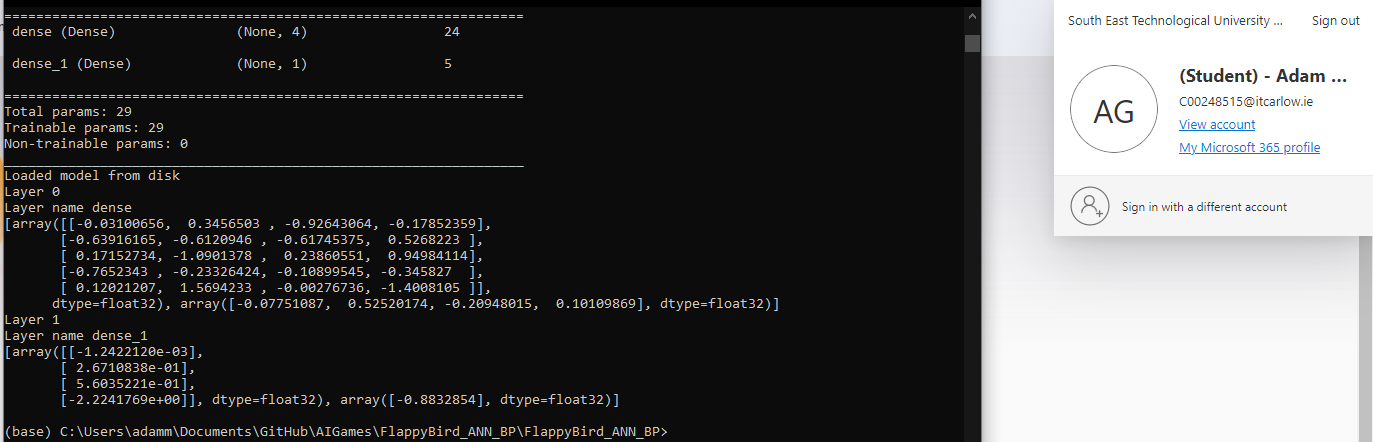
Description automatically generated



1. Successful execution of the “convert\_flappy\_model\_weights\_to\_csv.py” script.

Graphical user interface, text, application

Description automatically generated



1. The AI playing the game with the trained weights showing at least one bird with a fitness > 100.

Graphical user interface, application

Description automatically generatedGraphical user interface, application

Description automatically generated