

README

This project was done in Visual Studio 2022 in Python.

To Run Reinforced Neuron:

1. Unzip the source code into a folder
2. In a command prompt (or IDE or whatever is preferred to run it), go to the root file location
3. Use the command “python NeuronSim.py” to run the reinforced neuron (problem 1)
4. A graph of Figure 1 (see report) will be shown. Closing it will show Figure 2 in the console.

To Run Perceptron:

1. Unzip the source code into a folder if not done already
2. In a command prompt (or IDE or whatever is preferred to run it), go to the root file location
3. Use the command “python Perceptron.py” to run the reinforced neuron (problem 1)
4. A graph of Figure 3 (see report) will be shown. Closing it will then show Figure 2. Closing that will show Figure 5 in the console.