3 parts to this assignment

Part 1 - 25 rubric pts

A brief writeup investigating the application of reinforcement learning ideas to the modeling of human and animal behavior.

Part 2 – 25 rubric pts

A brief writeup, answering the questions…Is reinforcement learning an appropriate abstract model for evolution? What connection exists, if any, between hardwired reward signals and evolutionary fitness?

Part 3 – 50 rubric pts

Revisit Assignment 2. Perform at least three variations on the hyperparameters (network hidden layers size/shape, learning rate, minibatches, or epochs) for the Python script you created, and submit the resulting output. Additionally include a brief summary on why you think the output varied for the changes that you made. Use the “time” command to show how long your variations took to run. Your command(s) output should look something like this:

$ time python2 MyPyVar1.py

<program output>

real 8m55.144s

user 8m46.711s

sys 0m0.954s

$