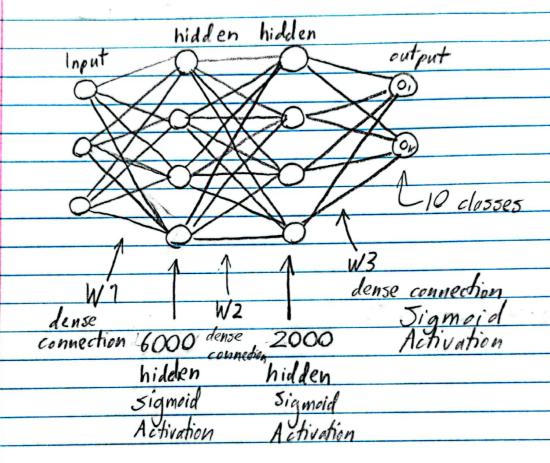
Problem 1 Code

Structure



Hyper parameters

learning Rate: 0.05

Optimizer: Gradient Descent

Epochs: 100

hidden layer 1: 6000

hidden layer 2: 2000

Activations: Sigmoid

Batch size: 25

Random weight intialization

based or gaussian distribution

