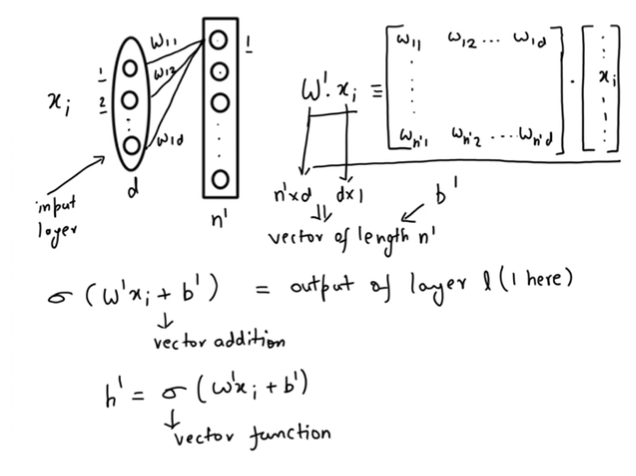
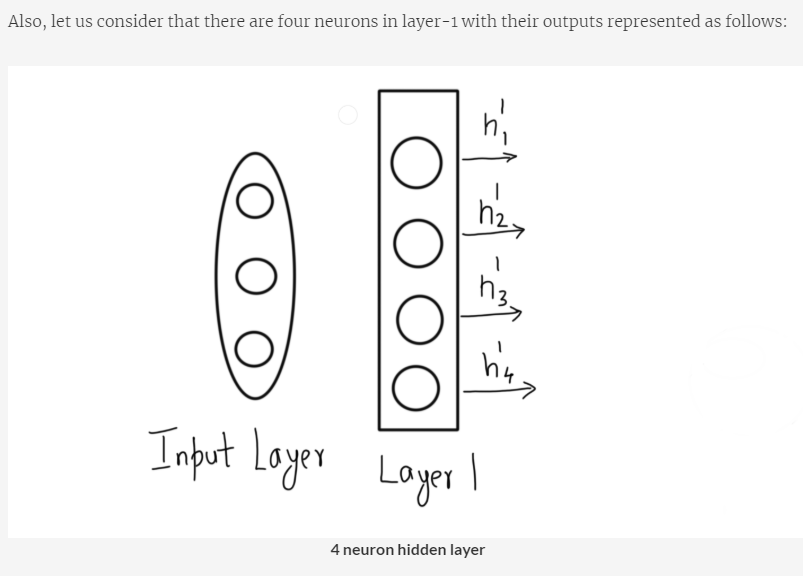
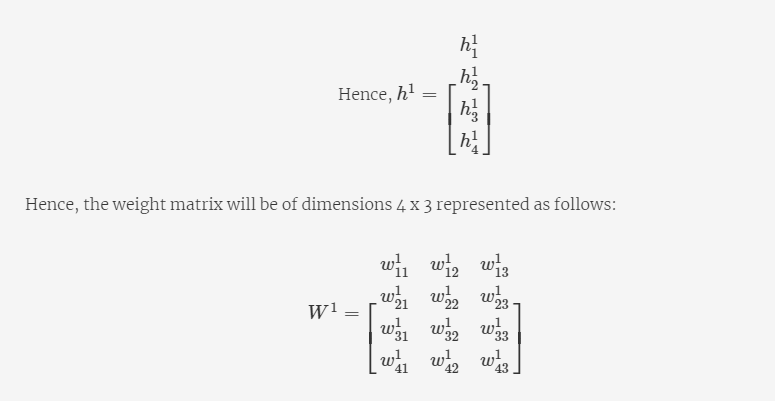
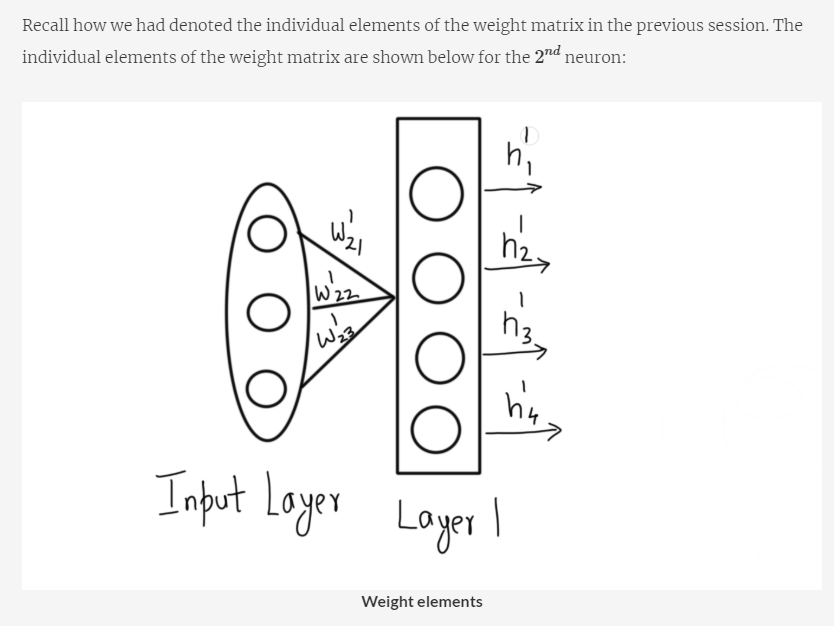
**Flow of Information in Neural Networks - Between 2 Layers**

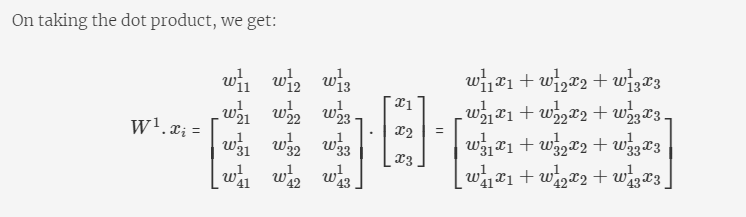
In artificial neural networks, the output from one layer is used as input to the next layer. Such networks are called **feedforward neural networks**.

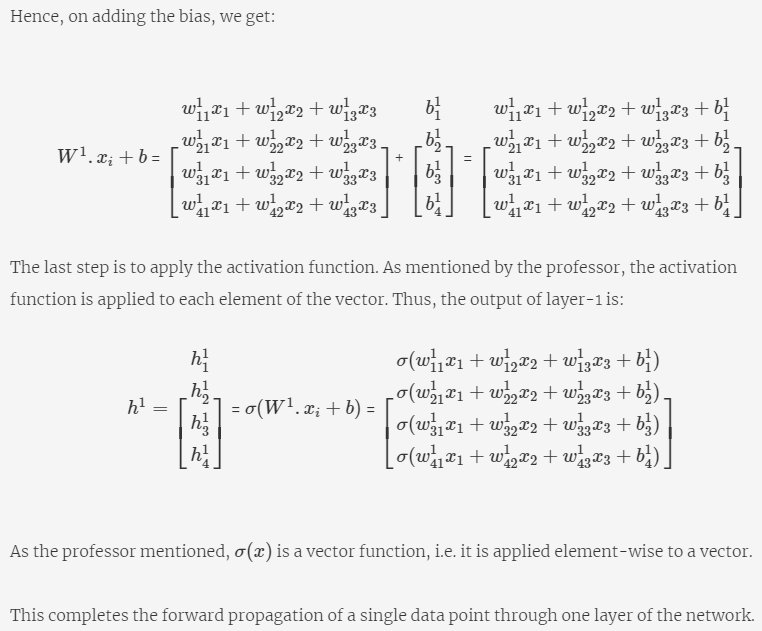


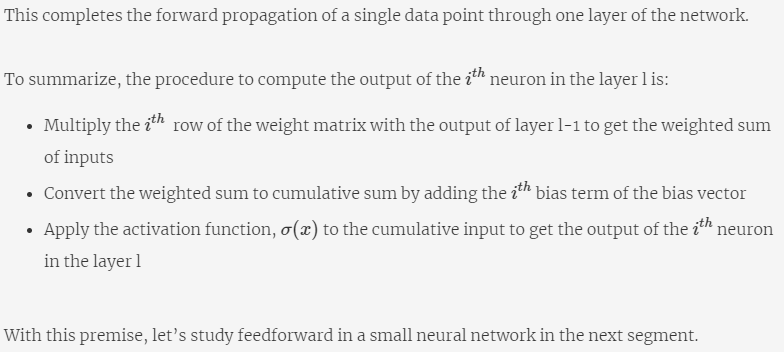




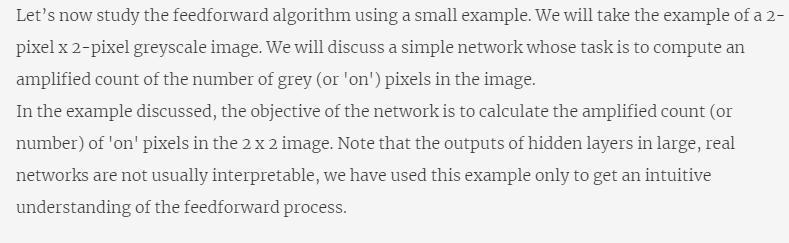


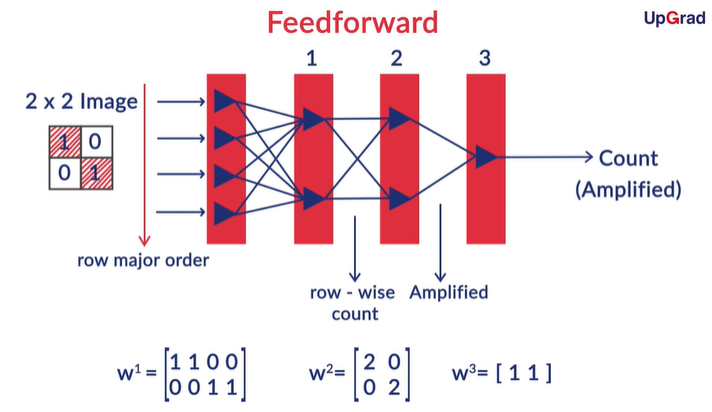


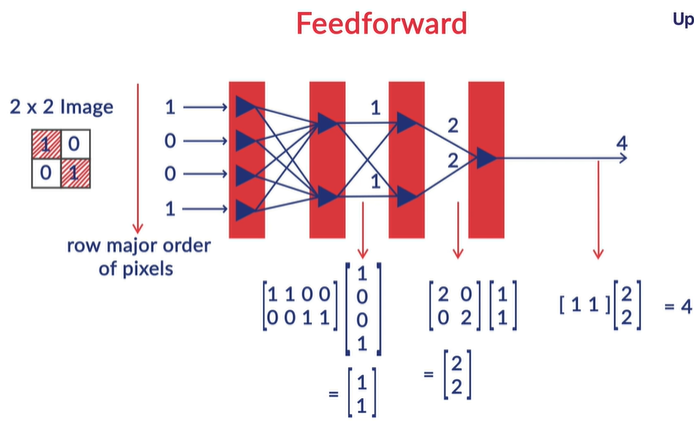


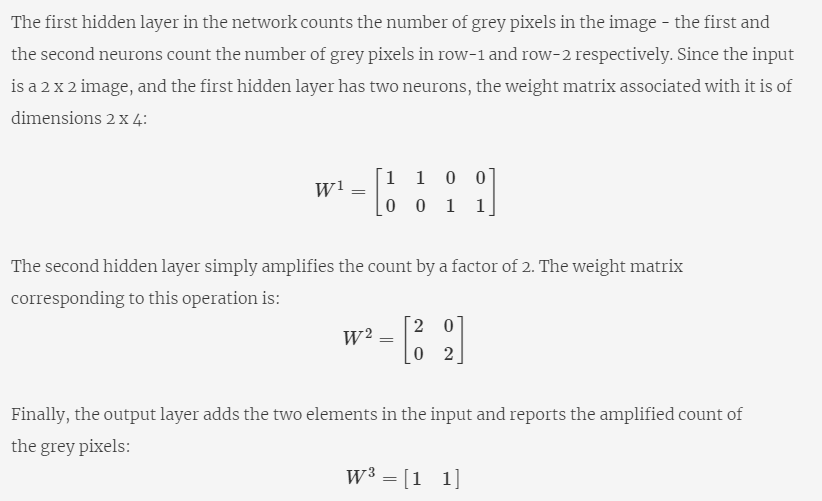


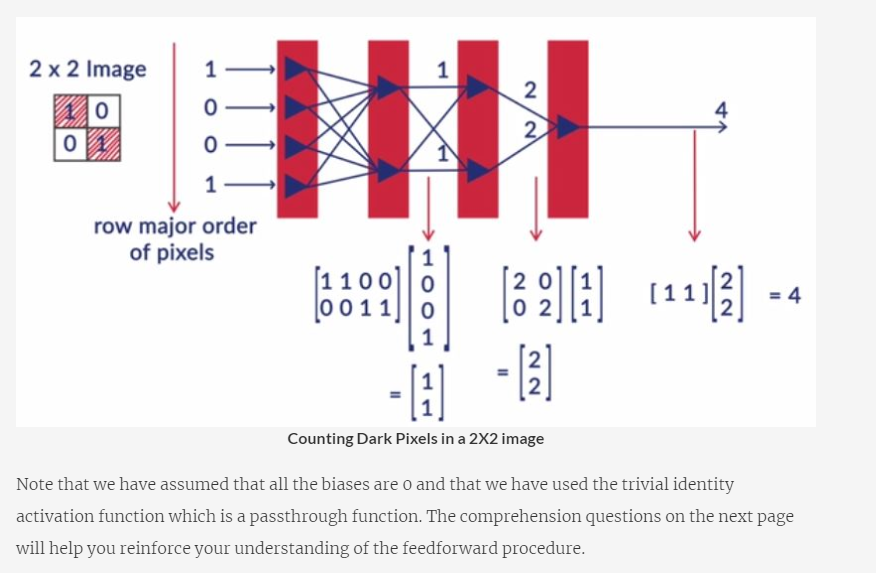
# Information Flow - Image Recognition

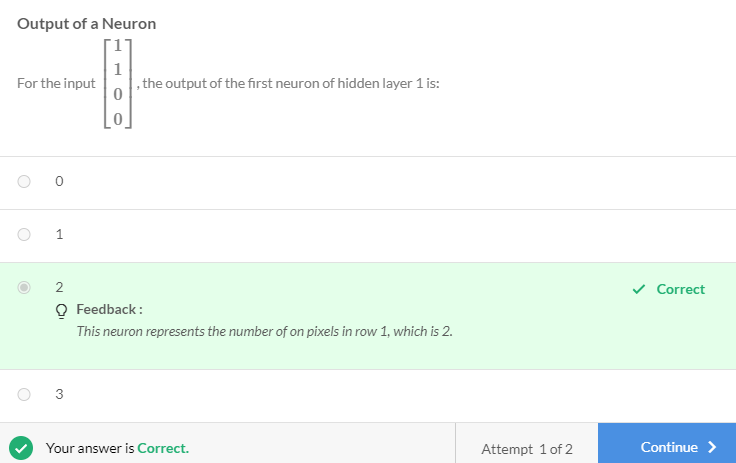


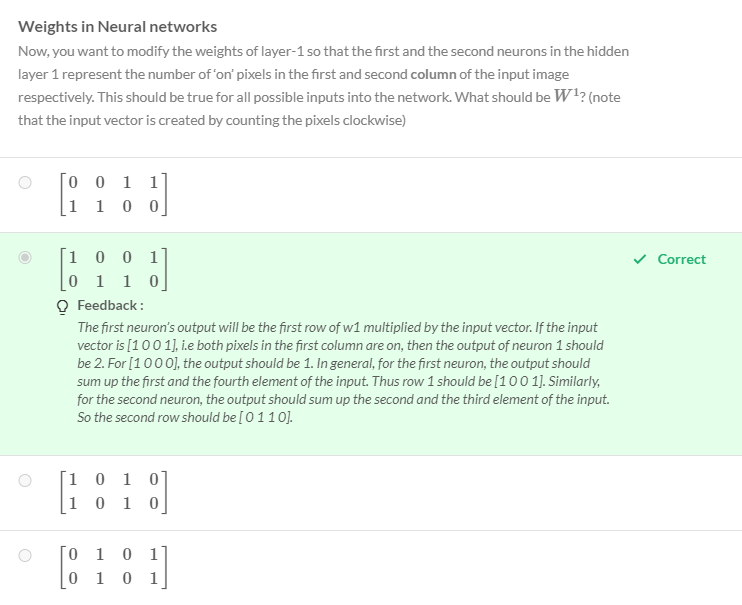


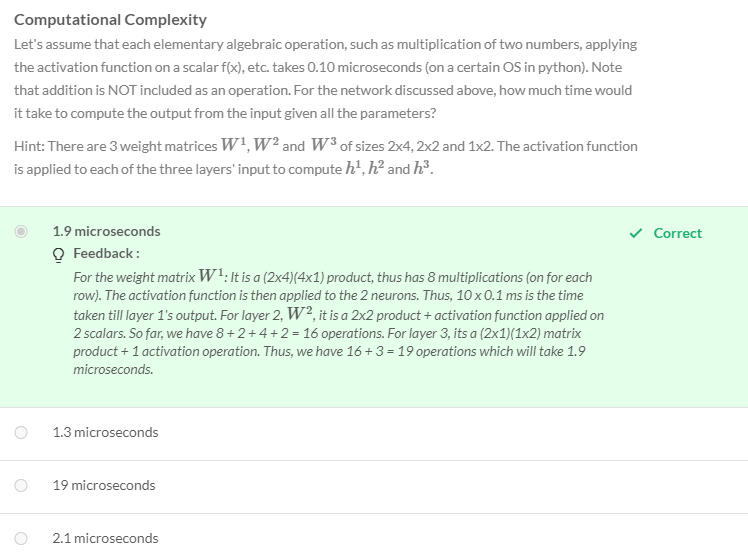


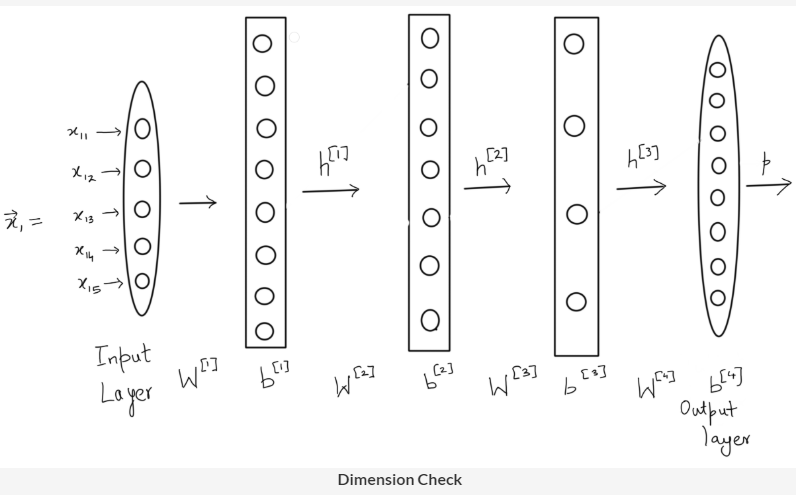


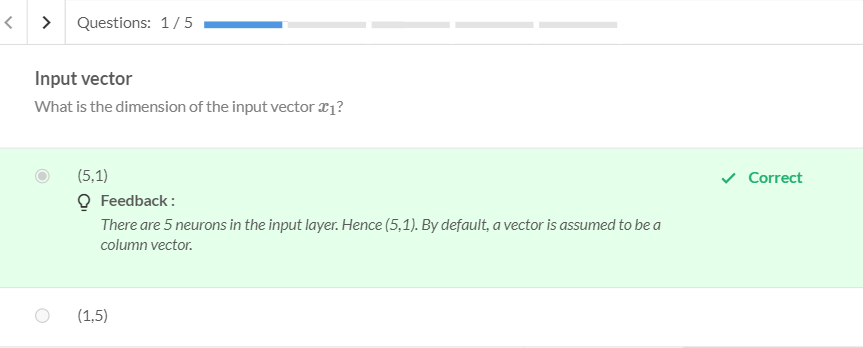


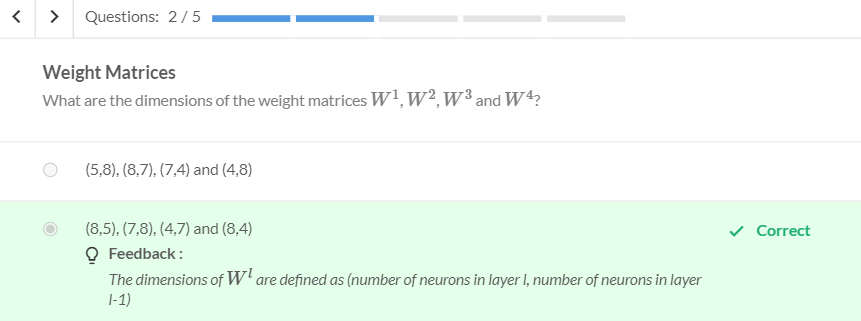


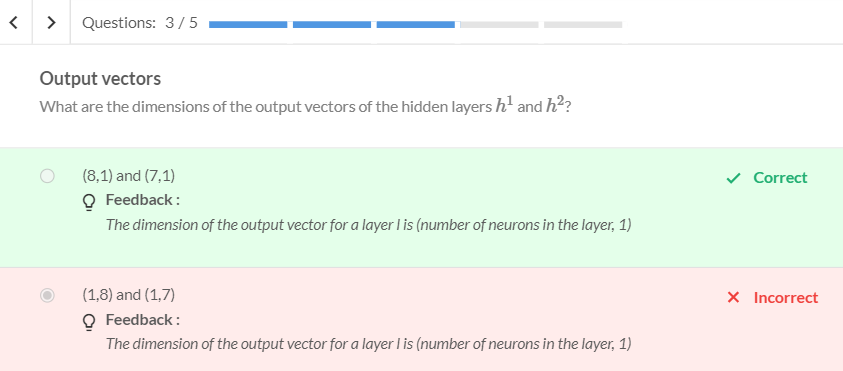


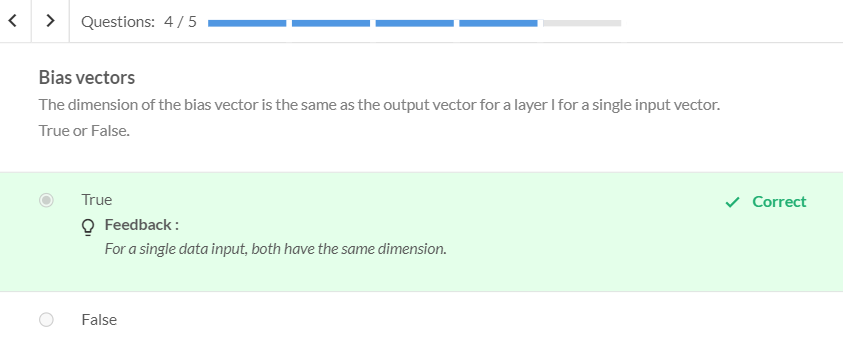


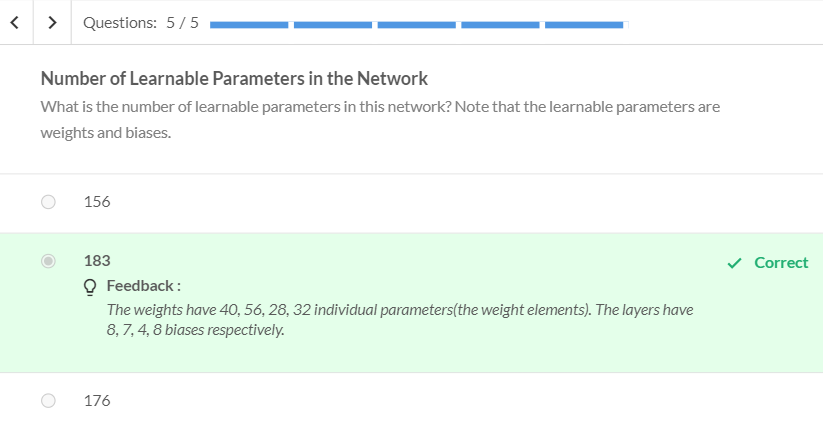






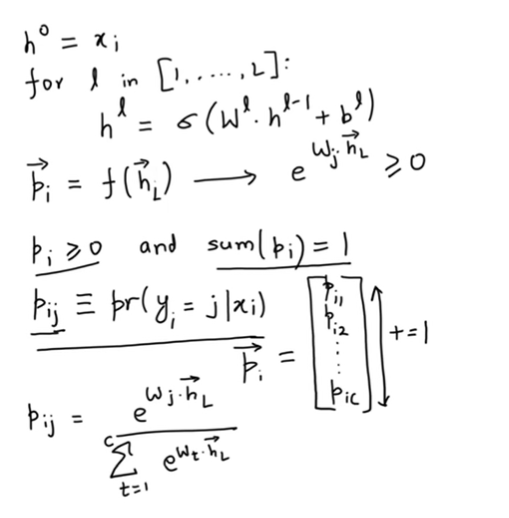


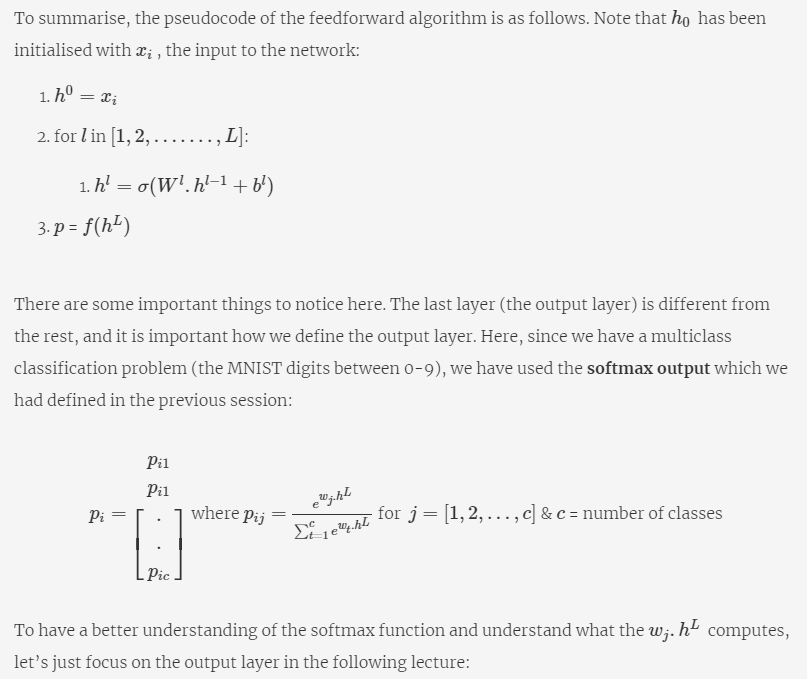


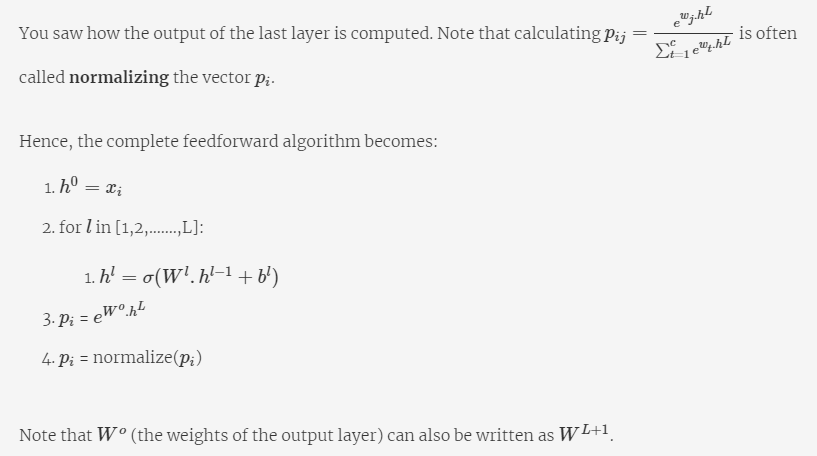


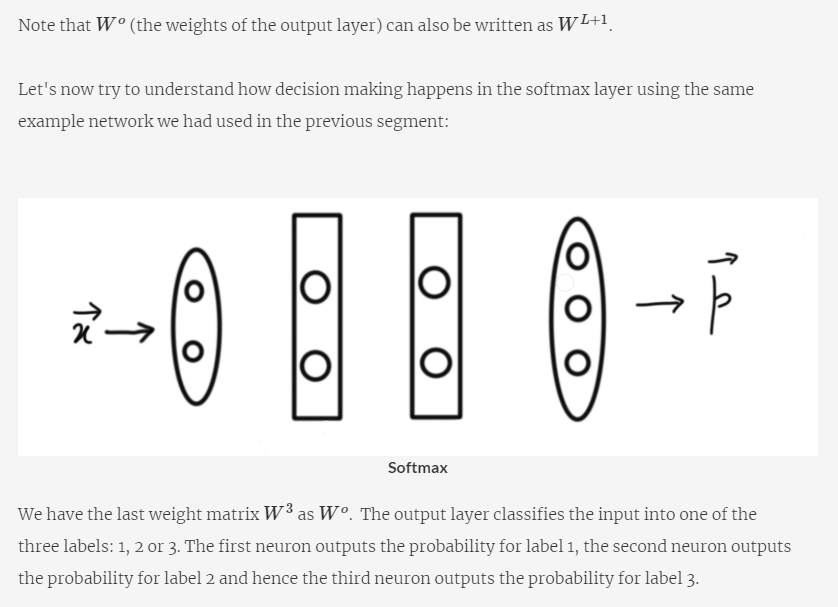
# Feedforward Algorithm

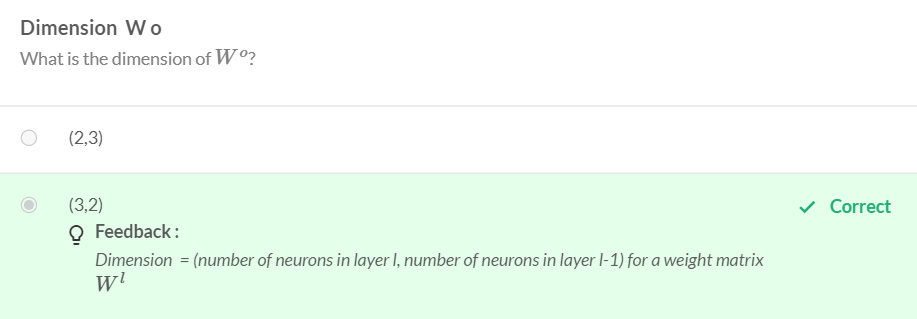
Pseudo code

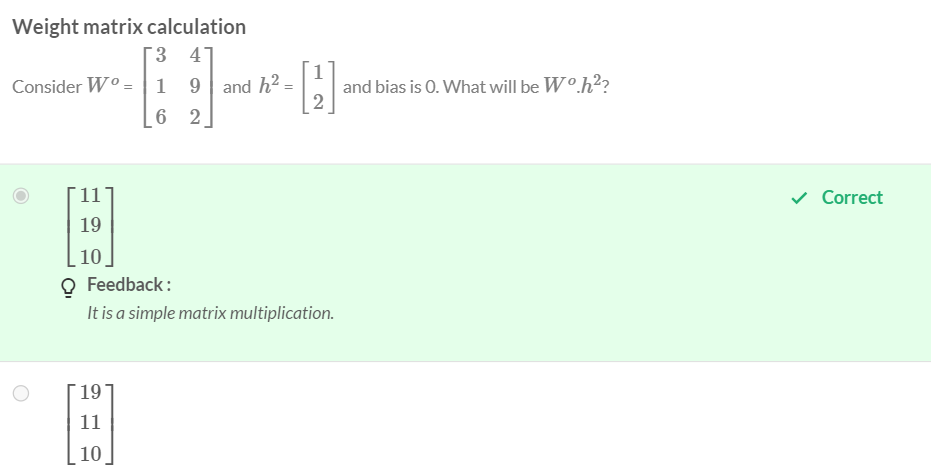


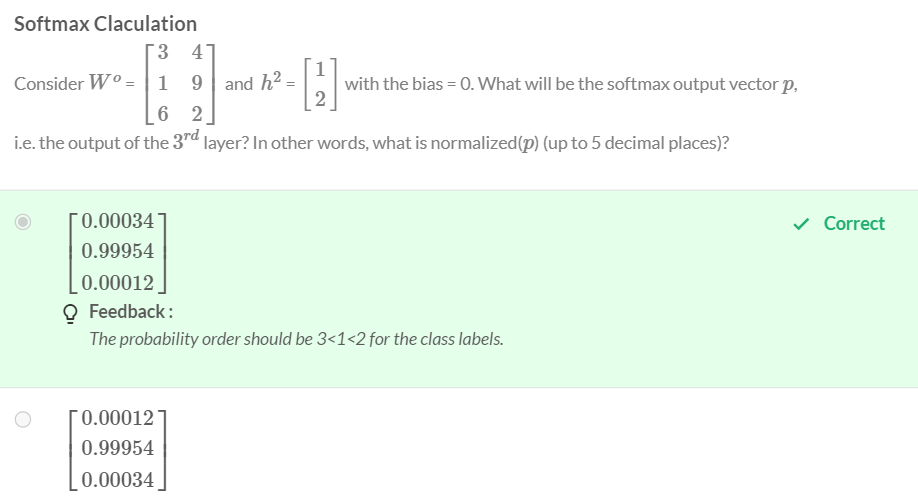


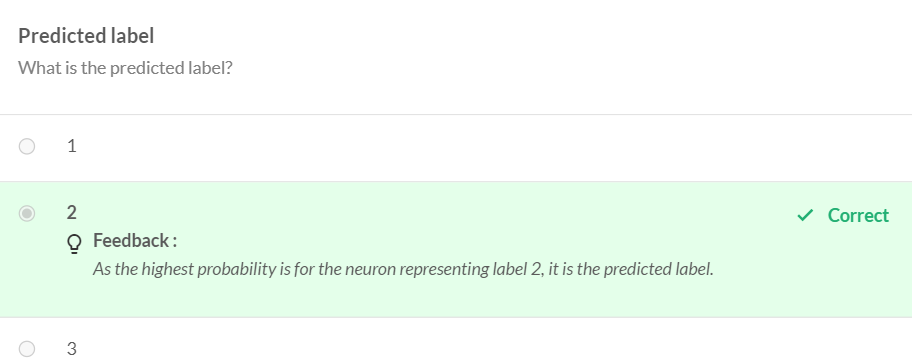












# Vectorized Feedforward Implementation

