- Vertorisation does not allow you to conjute forward my L-loyer NN what our explicit for-loop Cor any other and iterative loop over loyers L=1,2, L. We can't awoid the fiteration over the conjutations among layers layer_dims = [n, 4, 3, 2, 1]; how to initialise model garameter for (i in range (1, lenclayer_dims));

parameter ['w' + str(i)] = m. random vandy (layers [i] = 1)*

powameter ['b' + str(i)] = mp. random vandy (layers [i], 1)* - During for grow, in the forward function for a layer l, que to know what the act function or layer is. The During backgrap, the corvers barbward func also needs to what the act func for layer l'is, since the gradient depart it Week 4 Programming Assignment: Building your Deep NN: by Step - Objectives: · Develop on intuition of the overall structure of a NN

· Write functions that would help as decompose our code and
the process of building a NN (e.g. for prop., bulgrog., by lo

· Initialise populate parameters - Contents: 1. Pachages 2. Outline · Init. params. for a two-layer net and for an L-layer net.

· Implement the for. prop. wodule · Compute lan · Implement the backgrop module · Update pavameters