Exercises 13.1

- You can run `nntrain` repeatedly; it will update the net incrementally using the same training samples
  - To perform this, just type:

```
>> [nn, L] = nntrain(nn, train_img, train_d, opts);
```

  - If you want to reset the training, initialize the net as follows

```
>> nn = nnsetup([784 100 10]);
```

1. Repeat training for, say, 10 steps, from initialization and evaluate performance of the net at each step; plot 'training counts'-vs-'accuracy'
2. Design a three-layer NN, *for instance*, having two intermediate layers with 30 units each, and train it; and evaluate the difference in performance from the earlier two-layer net
3. Try increasing the number of layers in NN, and varying the number of units in the intermediate layers a few more times. How do their properties change?