The whole code is stored in a notebook: HW1.ipynb

How to change train/test: The two last lines in the code calling train\_net/test\_net functions. In order to active one of them, remove the commented out line.

How to change net settings: There are 4 options of nets: regular, batchnorm, weight\_decay, dropout. In order to train/test with the requested option, change the value of variable net\_option (at the end of the code) to be one of the following:

1. NetOption.regular
2. NetOption.batchnorm
3. NetOption.weight\_decay
4. NetOption.dropout

Folder structure:

ex1\_204094213\_301861902 readme.pdf

HW1.ipynb

net\_weights LeNet5\_BatchNorm.pt

LeNet5\_Dropout.pt

LeNet5\_NoRegularization.pt

LeNet5\_WeightDecay.pt