Homework #1

#### Mandatory reading:

1. https://pytorch.org/tutorials/beginner/deep\_learning\_60min\_blitz.html
2. <https://deeplizard.com/learn/video/mUueSPmcOBc>
3. backprop - CS231N notes - https://cs231n.github.io/optimization-2/

#### Assignments:

1. Complete the notebook we worked on in class - [transfer\_learning\_tutorial.ipynb](https://colab.research.google.com/github/omriallouche/ydata_deep_learning_2021/blob/main/labs/intro_to_dl_transfer_learning/transfer_learning_tutorial.ipynb#scrollTo=1URABfT2bGN6)

#### Recommended reading:

<https://github.com/fastai/fastbook/blob/master/17_foundations.ipynb> - Fast.ai - building NN from scratch

<https://cs231n.github.io/> - Module 1 of CS231N:

1. <https://cs231n.github.io/classification/>
2. <https://cs231n.github.io/linear-classify/>
3. <https://cs231n.github.io/optimization-1/>
4. <https://cs231n.github.io/optimization-2/>

A cheatsheet with terms definitions, for a quick lookup: <https://github.com/afshinea/stanford-cs-230-deep-learning/blob/master/en/super-cheatsheet-deep-learning.pdf>