

# Recitation 0.26

## Workflow of HW part 1s

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# Two main parts of HWs

- 4 Homeworks in total
  - Part 1s (e.g. HW1P1, HW2P1, HW3P1, HW4P1)
  - Part 2s (e.g. HW1P2, HW2P2, HW3P2, HW4P2)
- Grading: part 1s (50%) + part 2s (50%)

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# Overview

- Concept and Structure of HW part 1s
- Build an example toy module
  - Identity layer
  - Identity activation function
  - Multi-layer identity model
- Tips to succeed in HW part 1s

# HW part 1s: Build “MyTorch”

- Goal: Understand the core Deep Learning components handled during class
- Weight layers, Activation, Loss, Optimizers, Neural Networks, ...
- Implement corresponding Pytorch modules with lower-level operations  
(e.g. Numpy for matrix operations)

# Tips to succeed on HW part 1s

- Start as early as possible
- Do it by yourself
- Take enough time to read and understand the writeups
- Constantly monitor Piazza for updates on your homework

Good Luck :)