

## Outline for November 17, 2025

**Reading:** *none*

**Due:** Homework 4, due November 24, 2025

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1. Classes and objects [*cards.py*]
  - (a) User-defined types (classes)
  - (b) Instantiate (create) new object (`__init__`)
  - (c) Objects and attributes
  - (d) Objects and methods
  - (e) Printing objects (`__str__`)
2. Complex numbers, arithmetic, and comparison [*complex.py*]
3. Copy, deepcopy [*copying.py*]
4. Inheritance [*inherit.py*, *inherit-mult.py*]
5. Writing a program with objects [*war.py*]