



# Magic Methods Practice

# Class Writing

- In your CQs folder, create a folder called `cq04`
- In your `cq04` folder create two files: `point.py` and `line.py`
- Initialize both files with: `from __future__ import annotations`
- In `point.py`, write a class called `Point`
  - It should have two attributes, `x: float` and `y: float`
  - Write a *constructor* that takes parameters: `self`, `x: float` and `y: float`.  
It should update the `x` and `y` attributes accordingly.
- In `line.py`, write a class called `Line`. This class will connect two `Point` objects!
  - You will have to import the `Point` class: `from CQs.cq04.point import Point`
  - It should have two attributes, `p1: Point` and `p2: Point`
  - Write a *constructor* that takes parameters: `self`, `p1: Point`, and `p2: Point`
  - It should update the `p1` and `p2` attributes accordingly.