Lab09: Chasing Points

- Initialize four points P_1, P_2, P_3, and P_4.

  $P_1 = (x_1, y_1) = (0.0, 0.0)$

  $P_2 = (x_2, y_2) = (1.0, 0.0)$

  $P_3 = (x_3, y_3) = (1.0, 1.0)$

  $P_4 = (x_4, y_4) = (0.0, 1.0)$

- Repeat:

  - Each point moves 10% of the way toward its nearest clockwise neighbor.
  - So, point P_1 moves toward P_2, and P_2 to P_3, and P_3 to P_4, and P_4 to P_1.
  - Draw a line pixel-by-pixel between each pair of neighbors after each step.

- Stop when the points are sufficiently close together.

- Attach the image to this form. Use printer-friendly colors!

Official Use Only

Header:	Name	Correct Date	Program Description
Style:	Comments	Variable Names	Modular
Data Structures:	Obvious	General	Lean
Algorithm:	Clear	Correct	Efficient
Scoring:	Raw _____	Late _____	Total _____