F

T

i++

introduce a short delay to make the drawing visible

x+=x\_inc, y+=y\_inc

Plot pixels at current (x,y)

Is i<=steps?

Input two points (x1 y1) and (x2 y2)

(x, y) = (x1, y1), i=0

x\_inc = dx / steps  
y\_inc = dy / steps

steps = max(|dx|, |dy|)

Calculate dx = x2 - x1  
dy = y2 - y1