Cohen Sutherland Algo (Line Clipping)

- 1) Assign a region code for each point.
- 2) If both endpoints have region code 0000 then trivially occept the cline.
- 3) else, perform logical AND operation on both region codes.
 - 3.1 If the result is not 0000 then trivially reject the line.
 - 3.2. else // (result = 0000, needs clipping)
 - 3.2.1 Choose an endpoint of the line that is outside
 - 3.2.2. Find the intersection point at the window boundary (based on region code).
 - 3.2.3. Replace endpoint with intersection point and update the region code.
 - 3.2.4. & Repeat Step 2
- 4) Repeat step 1 for other lines.

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3.2.2 To calc intersection	point:
$y=y_1+m(x-x_1)$	m= 42-41 X2-X1
(F)	X ₂ - X ₁
$x = x_1 + y - y_1$	
re. (4-71) = m(x-x1)	(x, y,) are any point on
	the dine.
	either x E { xmin, xman}
	then find Y =
	else if YE [Ymin, Ymax]
	then And X=
	then give
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