PAC CHART:

GIVEN DATA:	REQUIRED RESULT:
❖ X-Component ❖ Y-Component	❖ Quadrant Number in which point lies.
PROCESSING DATA ❖ Read X and Y coordinates ❖ See sign of Both Coordinates ❖ If x and y are positive, then in 1st Quadrant ❖ If x is negative and y is positive, then in 2nd Quadrant ❖ If x and y are negative, then in 3rd Quadrant ❖ If x is positive and y is negative, then in 4th Quadrant ❖ Print Quadrant ❖ End	ALTERNATIVE METHOD: ❖ If x=0 and y=0,then point lies at origin

IPO CHART:

INPUT:	PROCESS:	OUTPUT:
❖ X-Coordinate ❖ Y-Coordinate	❖ Enter x and y values. ❖ If x > 0 and y > 0 then Quadrant 1st ❖ If x < 0 and y > 0 then Quadrant 2nd ❖ If x < 0 and y < 0 then ❖ Quadrant 3rd ❖ If x > 0 and y < 0 then Quadrant 4th ❖ If x and y = 0 then origin ❖ Print Quadrant number. ❖ End.	❖ Quadrants In which point lies or origin