

## PAC Chart

Given data  
x and y  
coordinates

Requirements  
To tell ~~if~~ where  
the point lies on a  
graph

Process  
Use decision  
statements to  
check the position  
of the point

- $x > 0, y > 0$  : 1<sup>st</sup>
- $x < 0, y > 0$  : 2<sup>nd</sup>
- $x < 0, y < 0$  : 3<sup>rd</sup>
- $x > 0, y < 0$  : 4<sup>th</sup>

Alternative Solution

- Show graphical  
representation

## IPO

Input  
x and  
y coordinates

Process  
- Use decision  
statements  
to determine  
quadrant

Output  
- location of  
the point