Coordinate Activity Diagram

Constructor

xCoord: number = 0,
yCoord: number = 0

this.x = xCoord

this.y = yCoord

getDistanceTo

coordinate: Coordinate: number

this.x - coordinate.x

this.y - coordinate.y

return the square
root of both as sum

getDistance

coordinate: Coordinate:
Coordinate

this.x - coordinate.x

this.y - coordinate.y

return new coordinate
of both