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#Assignment#2 - 2024 - Decision Making
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#1. Quadrants
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#Write a program to accept a coordinate point in a XY coordinate system and determine
#in which quadrant the coordinate point lies.
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#2. Areas of Figures
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#Write a program that inputs the sizes of a geometric figure and outputs its area.
#The figures are of four types: square, rectangle, circle and triangle.

#The first line of the input provides the type of the figure (square, rectangle, circle, triangle).

#    If the figure is a square, the next input provides one number – the length of its side.
#    If the figure is a rectangle, the next two inputs we provide two numbers – the lengths of its sides.
#    If the figure is a circle, the next line provides one input – the radius of the circle.
#    If the figure is a triangle, the next two lines provide two inputs – the length of the side and the its
height.


#3. A company decided to give bonus of 5% to employees if their years of service are more than 5 years.
#  Ask the user for their salary and years of service, and print their net bonus amount and gross salary
including bonus

#4.  Write a program to find all roots of a quadratic equation.
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