CMSC110 Introduction to Computing

Practice
Week of September 15, 2020

Due by midnight on your class day.

Answer the following questions.

1. Consider a canvas with size 500 x 500 pixels. Compute the centers, widths, and heights of the four circles in this drawing.

2. Write Processing code to draw the above image. Put all your code in setup().
3. The coordinate system below extends from (0,0) to (500,500). Thin lines correspond to increments of 25. Thick lines to increments of 100. On the image, label the following:

- X-Axis
- Y-Axis
- The origin
- The point (500,500)
- The point (100, 150)
- The point (400, 150)
- The point (150, 375)
- The point (250, 50)
- The point (350, 375)