

CS201 Computer Science I

Date: 11/10

Goal: To exercise the idea of conditional statement and procedural programming

Problem: Computing the area

Description: Write a program which computes the area of a shape by asking the user for two points and the type of shape. Three types are defined: circle, rectangle, and right-angle triangle. For a circle, one point is the center point and another point is on the circumference. For a rectangle, the two points are the diagonal points. For the right-angle triangle, the two points provide the longest side. Use the Point class to store the point information. Write a function for each shape that accepts two points and returns the area to the main function.