Problem #1 (10 marks)

Given 4 integers write a program to find the maximum of the integers. **You cannot use nested if-else or switch-case and logical connectors.**

orresponding Output(s)

Problem #2 (10 marks)

Write a program to determine whether a triangle is a right triangle or right isosceles triangle or isosceles triangle. As input, take six real numbers x_1 , y_1 , x_2 , y_2 , x_3 , y_3 . Each x_i and y_i correspond to the x and y coordinate of a point respectively. If the given points cannot form a valid triangle you need to print "Invalid triangle."

Sample Input(s)	Corresponding Output(s)
0 0 0 4 1 0 0 0 0 2 2 0 0 0 1 -1 1 1 0 0 0 4 0 5	Right Triangle Right Isosceles Triangle Isosceles Triangle Invalid Triangle