

IT 314

Software Engineering

Lab 8:

Testing

Group:- 5

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Test Action Input Data	Expected output	PassingTest
triangle(5, 8, 6)	Scalene	TRUE
triangle(3, 3, 3)	Equilateral	TRUE
triangle(0, 0, 0)	Invalid	TRUE
triangle(0,1000, 70)	Invalid	TRUE
triangle(0.1, 0.1, 0.1)	Invalid	FALSE
triangle(-1, -1, -1)	Invalid	TRUE
triangle(a,b,v)	Invalid	TRUE
triangle(8,8.1,1000)	Invalid	FALSE
triangle(3,4,3)	Isosceles	TRUE
triangle(15,15,15)	Equilateral	TRUE
triangle(7,7,10)	Isosceles	TRUE
triangle(100,100,199)	Isosceles	TRUE
triangle(3,4,5)	Scalene	TRUE
triangle(7,9,10)	Scalene	TRUE
triangle(5,12,13)	Scalene	TRUE
triangle(8,15,17)	Scalene	TRUE
triangle(10,24,26)	Scalene	TRUE
triangle(800,500,800)	Isosceles	TRUE
triangle(@,2,3)	Invalid	TRUE
triangle(5,*,25)	Invalid	TRUE
triangle(@,@,@)	Invalid	TRUE
triangle(\$,4,-5)	Invalid	TRUE
triangle(%%,^,99)	Invalid	TRUE

Observation :

If a b c are declared as integers then it gives wrong results in floating point numbers as input.