

TRIANGLE GENERATOR

ENTER SIDE A

ENTER SIDE B

ENTER SIDE C

ENTER

Result

Test Case ID	Test Case Description	Input Data			Expected outcome	Actual outcome	Status
TC_01	Equilateral	5	5	5	Equilateral		
TC_02	Isosceles	7	7	3	Isosceles		
TC_03	Scalene - Valid Triangle	6	8	10	Scalene		
TC_04	Invalid Triangle - Shortest Side Violates Inequality	4	2	7	Invalid		
TC_05	Invalid Triangle - Shortest Side Violates Inequality	4	0	3	Invalid		
TC_06	Invalid Triangle - Longest Side Violates Inequality	8	3	12	Invalid		
TC_07	Invalid Triangle - Two Shortest Sides Violate Inequality	2	3	8	Invalid		