| TestID | Input Description | a | b | c | Expected | Actual |
|---|---|---|---|---|---|---|
| 1 | Isosceles | 5 | 5 | 3 | Isosceles | Isosceles |
| 2 | Scalene | 13 | 9 | 14 | Scalene | Scalene |
| 3 | Equilateral | 2 | 2 | 2 | Equilateral | Equilateral |
| 4 | No arguments | | | | ERROR: Not enough arguments | ERROR: Not enough arguments |
| 5 | Not enough arguments | 1 | | | ERROR: Not enough arguments | ERROR: Not enough arguments |
| 6 | Too many arguments | 1 | 1 | 1 1 | ERROR: Too many arguments | ERROR: Too many arguments |
| 7 | Argument with one negative | -1 | 1 | 1 | ERROR: Invalid argument - non positive value | ERROR: Invalid argument - non positive value |
| 8 | Argument with two negatives | -1 | -1 | 1 | ERROR: Invalid argument - non positive value | ERROR: Invalid argument - non positive value |
| 9 | Argument with three negatives | -1 | -1 | -1 | ERROR: Invalid argument - non positive value | ERROR: Invalid argument - non positive value |
| 10 | Argument with decimal | 1.1 | 1.1 | 1.1 | ERROR: Invalid argument - non integer | ERROR: Invalid argument - non integer |
| 11 | Argument with zero | 0 | 1 | 1 | ERROR: Invalid argument - non positive value | ERROR: Invalid argument - non positive value |
| 12 | All arguments zero | 0 | 0 | 0 | ERROR: Invalid argument - non positive value | ERROR: Invalid argument - non positive value |
| 13 | a + b = c | 3 | 3 | 6 | ERROR: Invalid triangle | Isosceles |
| 14 | a + b < c | 3 | 3 | 7 | ERROR: Invalid triangle | ERROR: Invalid triangle |
| 15 | String input | a | b | c | ERROR: Invalid argument - non integer | ERROR: Invalid argument - non integer |