**Test case 1**

Test if triangle is valid c<a+b, b<a+c, a<b+c

Negative result

A=3

B=3

C=6//limit value

Positive result

A=3

B=4

C=6

**Test case 2**

Test if all values are greater than 0

a>0&&b>0&&c>00

Negative result

A=0//limit value

B=3

C=6

Positive result

A=3

B=4

C=6

**Test case 3**

Test if all values are positive

a>0&&b>0&&c>00

Negative result

A=-1

B=3

C=6

Positive result

A=3

B=4

C=6

**Test case 4**

Test if scalene

Negative result

A=3

B=3

C=6

Positive result

A=3

B=4

C=6

**Test case 5**

Test if equilateral

Positive result

A=3

B=3

C=3

Negative result

A=3

B=4

C=6

**Test case 6**

Test if isosceles

Positive result

A=3

B=3

C=6

Negative result

A=3

B=4

C=6

**Test case 7**

Test valid input values

Positive result

A=3

B=3

C=6

Negative result – invalid value

A=3

B=4.5

C=6