Application consists of one class “Triangle”. We have methods in those class which work I want to check:

1. *public boolean checkTriangle()*

This method should check on correct sides of Triangle. To detect wrong/right work of this method I have to use other method of source Application - public String getMessage(). I decided to divide tests for this method in two blocks:

1. Are they negative or equals to zero? (each side)
2. Is the summarization of each two sides bigger then the third side?
3. *public int detectTriangle()*

This method should detect type of Triangle. I have to check all possible variations of triangle types (positive tests):

1. EQUILATERAL & ISOSCELES
2. ISOSCELES
3. ORDYNARY
4. RECTANGULAR
5. ISOSCELES & RECTANGULAR
6. *public double getSquare()*

This method should calculate Square of the Triangle.

1. Positive test
2. Check on infinity