

Code review by Rihards.

Formatting:

1. Good structure, and dependency injection to decouple main class from Triangle class.
2. According to inspector for static code Analysis there is no flaws.

Metrics:

AllPackageClass 1Class 2MethodCollapse allExpand allReport

Tree

triangle-tell

triangleintroexercise

Triangle

Triangle

findShape

isValidSide

TriangleIntroExercise

main

A	AC	C	D	EC	I	NCP	NIP	LCC	LCOM1	LCOM2	LCOM3	LCOM4	LCOM5	NAK	NOC
0.0	0	0.0	0.71	0	0.0	2	0	0.0	1	1	2	2	0.75	0.0	0
0.0	0	0.0	0.71	0	0.0	2	0	0.0	1	1	2	2	0.75	0.0	0
		no						0.0	3	3	3	3	1.5	0.0	0
		no						0.0	0	0	1	1	0.0	0.0	0

<div><div>All</div><div>Package</div><div>Class 1</div><div>Class 2</div><div>Method</div><div>Collapse all</div><div>Expand all</div><div>Report</div></div>																					
CP	NIP	LCC	LCOM1	LCOM2	LCOM3	LCOM4	LCOM5	NAK	NOC	NOF	NOM	NOSF	NOSM	NTM	TCC	WMC	NBD	NOP	VG	LOC	LOCm
	0	0.0	1	1	2	2	0.75	0.0	0	3	4	0	4	0	0.0	8	1	7	2	104	44
	0	0.0	1	1	2	2	0.75	0.0	0	3	4	0	1	0	0.0	8	1	7	2	104	44
		0.0	3	3	3	3	1.5	0.0	0	3	3	0	0	0	0.0	6					
																	1	3	1	5	0
																	3	0	4	19	0
																	1	3	1	11	0
		0.0	0	0	1	1	0.0	0.0	0	0	1	0	1	0	0.0	2	2	1	2	27	8
																	2	1	2	19	5

According to metrics analysis triangle app has low coupling

Cyclomatic complexity (CC) in triangle app is 4.

In triangle class there is 2 decision points and in main class 1. $3 + 1 = 4$.

Column VG shows CC in all methods, with higher number program would need more unit tests.

Depth of inheritance:

Low, only two classes, main and triangle classes.

In total there is 104 lines of code.