

Project 2: Task 2

A) Equivalence classes

Parameter	Equivalence Class	Representative
initialSquare	1.1: Valid Square	Square(0,0,2)
subdivisions	2.1: $0 \leq \text{subdivisions} \leq 7$	4
InitialSquare	1.a: Not Square object	Circle
subdivisions	2.a: $< 0, > 7$	-2

B) Test cases

Test Case ID	initialSquare	subdivisions	Exp.Result(count)
TF#1	Square(0,0,2)	4	585
TF#2	Circle	-1	ERROR

C) Boundary value analysis

Parameter	Boundary Values	Test Case ID
initialSquare	Valid Square	TF#1
subdivisions	(0, 7)	TF#2