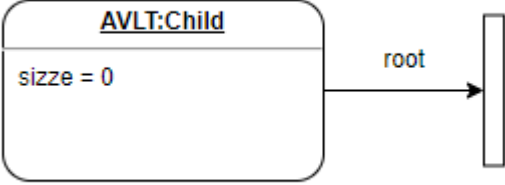
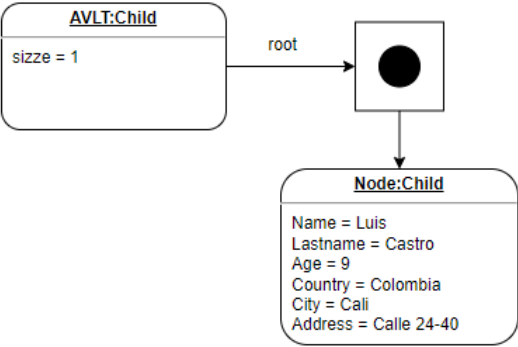
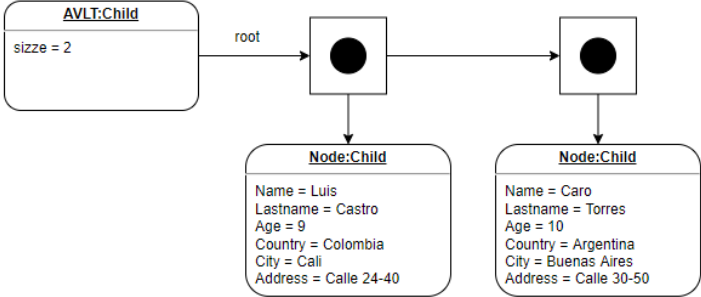


TEST CASES

SantaList

Scenario configuration

Name	Class	Scenario
setUpScenary1()	SantaListTest	 <pre> graph LR AVL[AVL:Child size = 0] -- root --> Root[] style Root fill:none,stroke:none </pre>
setUpScenary2()	SantaListTest	 <pre> graph TD AVL[AVL:Child size = 1] -- root --> Root(()) Root --> Node[Node:Child Name = Luis Lastname = Castro Age = 9 Country = Colombia City = Cali Address = Calle 24-40] </pre>
setUpScenary3()	SantaListTest	 <pre> graph TD AVL[AVL:Child size = 2] -- root --> Root(()) Root --> Node1[Node:Child Name = Luis Lastname = Castro Age = 9 Country = Colombia City = Cali Address = Calle 24-40] Root --> Node2[Node:Child Name = Caro Lastname = Torres Age = 10 Country = Argentina City = Buenas Aires Address = Calle 30-50] </pre>

TEST CASES

SantaList

Test Cases Design

Test Objective	Validate that the method addChild is correctly working			
Class	Method	Scenario	Input Values	Result
SantaListTest	addList	setUpScenary1 ()	name = "Luis" lastname = "Castro" age = 9 country = "Colombia" city = "Cali" address = "Calle 24-40"	The element of type Child is added to the AVL, so, root is equal to the node added. One is added to the size.

Test Objective	Validate that the method addChild is correctly working			
Class	Method	Scenario	Input Values	Result
SantaListTest	addChild	setUpScenary2()	name = "Caro" lastname = "Torres" age = 10 country = "Argentina" city = "Buenos Aires" address = "Calle 30-50"	The new element of type Child is added to the list (AVL), root still pointed to the Child "Luis".

Test Objective	Validate that the method deleteChild is correctly working			
Class	Method	Scenario	Input Values	Result
SantaListTest	deleteChild	setUpScenary3()	name = "Luis" lastname = "Castro" age = 9 country = "Colombia" city = "Cali" address = "Calle 24-40"	The element is deleted from the list, and the remain element will be replaced it. One is subtracted from size.

TEST CASES
SantaList

Test Objective	Validate that the method delete is correctly working			
Class	Method	Scenario	Input Values	Result
SantaListTest	deleteChild	setUpScenaryI()	name = "Caro" lastname = "Torres" age = 10 country = "Argentina" city = "Buenos Aires" address = "Calle 30-50"	The method will return null, because the list is empty.

Test Objective	Validate that the method countryFilter is correctly working			
Class	Method	Scenario	Input Values	Result
SantaListTest	countryFilter	setUpScenary3()	Country = "Argentina"	The method will return a list with all the elements which country it's equal to "Argentina"

Test Objective	Validate that the method countryFilter is correctly working			
Class	Method	Scenario	Input Values	Result
SantaListTest	countryFilter	setUpScenaryI()	Country = "Argentina"	The method will return null because the list is empty.