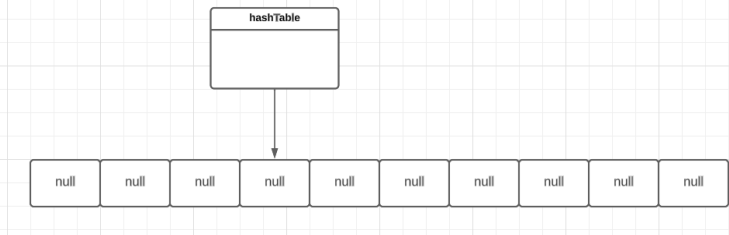
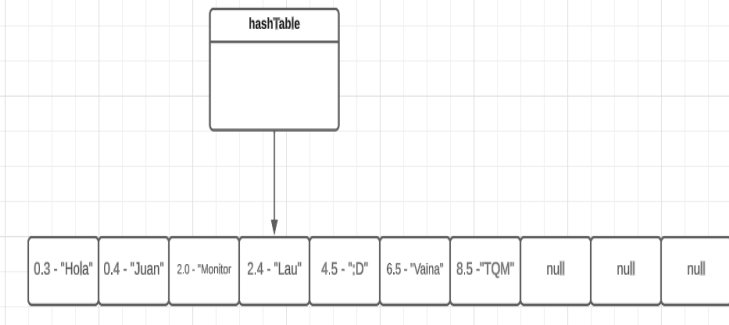


## Hash Table

Name	Class	Scenery
hashTable_setup1	HashTableTest	<p>Hash table is empty</p>  <pre> graph TD     hashTable[hashTable] --&gt; array[null   null   null   null   null   null   null   null   null   null] </pre>
hashTable_setup2	HashTableTest	<p>The hash table has added values.</p>  <pre> graph TD     hashTable[hashTable] --&gt; array["0.3 - 'Hola'   0.4 - 'Juan'   2.0 - 'Monitor'   2.4 - 'Lau'   4.5 - 'D'   6.5 - 'Vaina'   8.5 - 'TQM'   null   null   null"] </pre>

hashTable_setup3	HashTableTest	<p>The hash table has added values and some are collided</p> <pre> graph TD     HT[hashTable] --&gt; S03["0.3 - 'Hola'"]     S04["0.4 - 'Juan'"] --&gt; N1["1.6-Alejandro Magno"]     N1 --&gt; N2["14.12 - Aurelio"]     N2 --&gt; N3["1.37-Aristizabal Lord of the Night"]     S20["2.0 - 'Monitor'"]     S24["2.4 - 'Lau'"]     S45["4.5 - 'D'"]     S65["6.5 - 'Vaina'"]     S85["8.5 - 'TQM'"]     S9["null"]     S10["null"]     S11["null"] </pre>
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Test Objective: test if the hashtable is capable of detecting when adding is not possible due to a repeated key

Class	Method	Scenery	Input value	Return
HashTableTest	Add()	hashTable_setup2	0.4, "Alejandro Magno"  0.4, "MonitorGod"	"Exception object with the same key that other"

Test Objective: test if the hashtable is capable of adding an element if the list is empty

Class	Method	Scenery	Input value	Return
HashTableTest	add	hashTable_setup1	11.0, "Hola"	the element is added to the hash table

Test Objective: test if the hash table is capable of detecting when searching is not possible due to being empty

Class	Method	Scenery	Input value	Return
HashTableTest	search	hashTable_setup1	search(0,3)	Exception list is void

Test Objective: test if the hash table is adding and removing effectively

Class	Method	Scenery	Input value	Return
HashTableTest	remove	hashTable_setup1	0.3, 0.4, 2, 2.4, 4.5, 6.5, 8.5.	hash table should be empty

Test Objective: test if search method is working properly

Class	Method	Scenery	Input value	Return
HashTableTest	search	hashTable_setup2	search(8.5)	se encuentra el valor buscado con la llave 0.4, en este caso "Juan"

Test Objective: test if search method is working properly when there is a collision

Class	Method	Scenery	Input value	Return
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HashTableTest	add search	hashTable _setUp2	n = 0.39, "Marco Aurelio"  a = 0.37, "Alejandro Magno";  search(0.37)	0.39, "Alejandro Magno" should be found
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Test Objective: test if search throws exception when the item doesn't exist

Class	Method	Scenery	Input value	Return
HashTableTest	search	hashTable _setUp2	search(0.26)	Exception object doesn't exist

Test Objective: test if remove method throws exception when the item doesn't exist

Class	Method	Scenery	Input value	Return
HashTableTest	remove	hashTable _setUp2	remove(0.26)	Exception object doesn't exist

Test Objective: test if remove method works properly

Class	Method	Scenery	Input value	Return
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HashTableTest	remove	hashTable_setup2	remove(0.3)	the element should not exist in the hash table
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Test Objective: test if clone method makes identical items				
Class	Method	Scenery	Input value	Return
HashTableTest	clone()	hashTable_setup2		the elements should be the same in both hash tables

Test Objective: Check if the elements are real clones and not pointer to the original items				
Class	Method	Scenery	Input value	Return
HashTableTest	clone()	hashTable_setup2		the elements should be the same in both hash tables and changing something in one of the elements doesn't change the clone of the other hash table

Test Objective: test the search method for an element that is collided				
Class	Method	Scenery	Input value	Return
HashTableTest	search	hashTable_setup3	14.12	the item should be found and equal to "Aurelio"

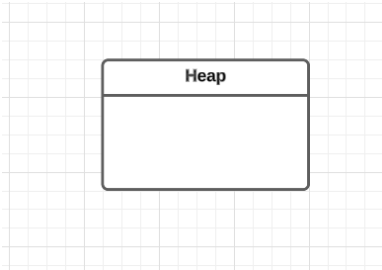
Test Objective: test if remove works well when it is eliminating a collided element

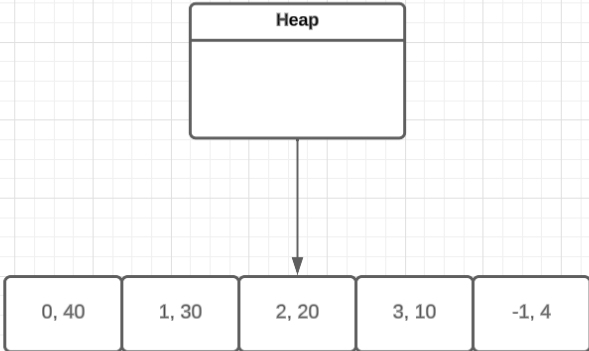
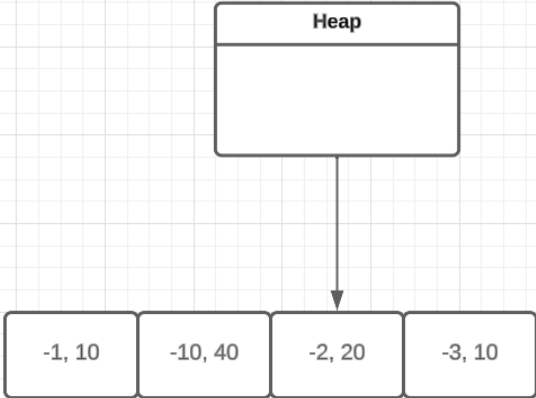
Class	Method	Scenery	Input value	Return
HashTableTest	remove	hashTable_setup3	14.12	the element with key 14.12 should be removed

Test Objective: test if add method works well when it would make a collision

Class	Method	Scenery	Input value	Return
HashTableTest	add	hashTable_setup3	0.36, "Marco"	the element with key 14.12 should be removed

## Heap

Name	Class	Scenery
heap_setup1	HeapTest	<p>An empty Heap.</p> 

heap_setup2	HeapTest	<p>The Heap has some elements in it.</p> 
heap_setup3	HeapTest	<p>The heap has some negative values in it</p> 

Test Objective: correctly inserting an element in an empty Heap

Class	Method	Scenery	Input value	Return
Heap	Insert	heap_setUp1	a = 1, 10	Using the method extractMax() we can confirm if the item is at the top of the list, meaning it was inserted.

Test Objective: Confirm the extractMax() method is working properly extracting some elements

Class	Method	Scenery	Input value	Return
Heap	extractMax() ()	heap_setUp2		Extracting three elements should return: 10, 20, 30

Test Objective: Check if changing the priority of one elements would make it to be on top of the Heap

Class	Method	Scenery	Input value	Return
Heap	increaseKey() extractMax() ()	heap_setUp2	IncreaseKey(10, 4)	changing the priority of one element would affect the extractMax()'s result.

Test Objective: Check if changing the priority of one elements would make it to be on top of the Heap

Class	Method	Scenery	Input value	Return
Heap	increaseKey() extractMax() ()	heap_setUp2	IncreaseKey(10, 4)	changing the priority of one element would affect the extractMax()'s result, in this case it should be equal to 10.



Test Objective: Check if extractMax method returns null when the Heap is empty()

Class	Method	Scenery	Input value	Return
Heap	extractMax ()	heap_setU p1		null

Test Objective: Check if extractMax works even when the object is null

Class	Method	Scenery	Input value	Return
Heap	extractMax ()	heap_setU p1		null

Test Objective: Check if adding and extracting an element works

Class	Method	Scenery	Input value	Return
Heap	Insert  ExtractMa x()	heap_setU p1	1,10  10	The same element must be found

Test Objective: Check if extractMax extract in order

Class	Method	Scenery	Input value	Return
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Heap	ExtractMax()	heap_setUp2	40
			30
			20

Test Objective: Inserting and extracting elements with high priority

Class	Method	Scenery	Input value	Return
Heap	insert	heap_setUp1	Integer.MaxValue, 10  Integer.Min, 20  Integer.MaxValue, 30	when extracting elements, it should be in order

Test Objective: Inserting and extracting

Class	Method	Scenery	Input value	Return
Heap	insert	heap_setUp1	5, 10	10

Test Objective: Inserting and extracting them in order

Class	Method	Scenery	Input value	Return
Heap	insert	heap_setUp1	3, 10 2, 20 1, 30 4, 40	Extracting them should return  40  10  20  30

Test Objective: Inserting elements with the same priority and extracting them

Class	Method	Scenery	Input value	Return
Heap	insert	heap_setUp1	1, 10 1, 20 1, 30 1, 40 1, 50	Extracting them should give all of these elements.  10  50  40  30  20

Test Objective: Test if cloning makes an identical Heap

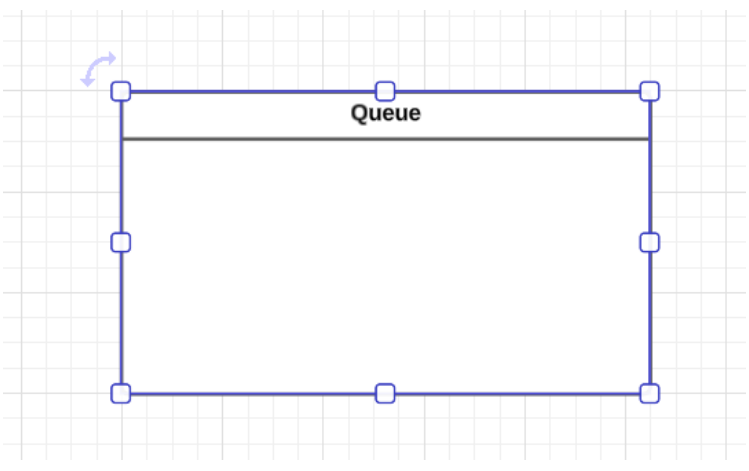
Class	Method	Scenery	Input value	Return
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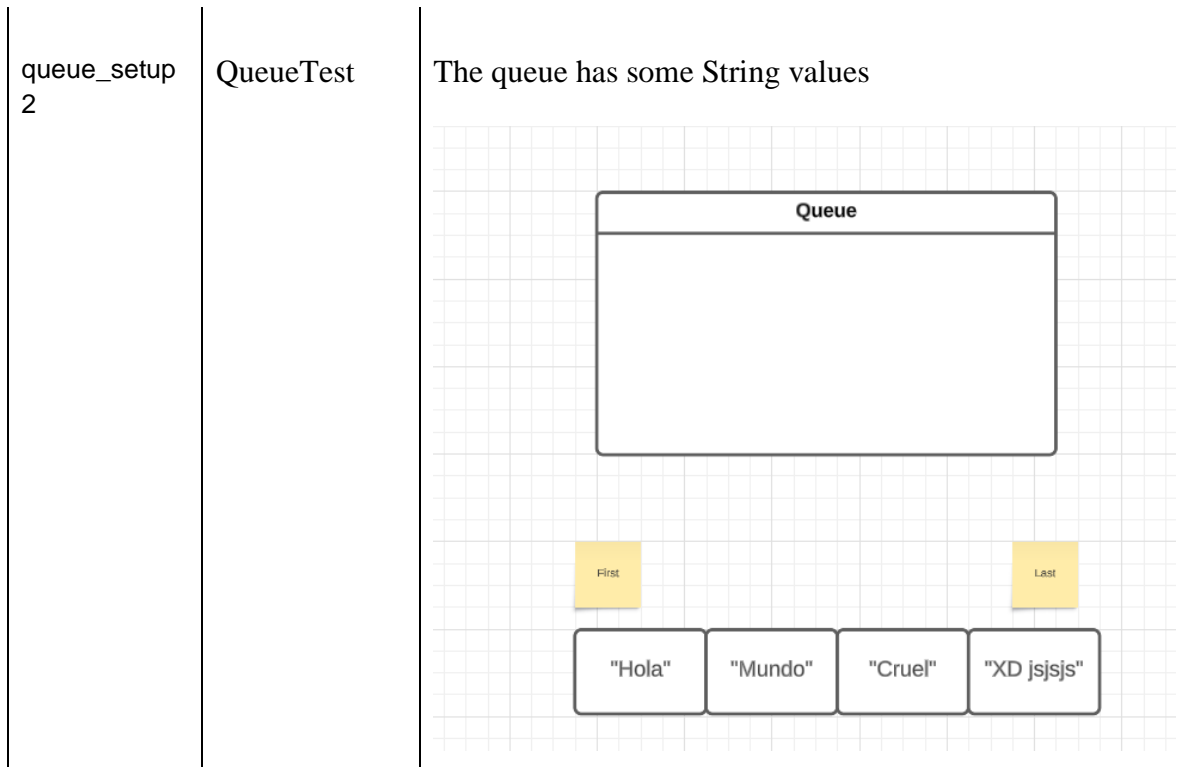
Heap	insert	heap_setUp1	1, 10 2, 20 3, 30	Each of the elements should be the same in both Heaps.
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Test Objective: test if changing the priority of a task throws an exception when the task doesn't exist

Class	Method	Scenery	Input value	Return
Heap	Heap.increaseKey()	heap_setUp2	15, 4	throws exception ThisDataStructureIsVoid.

## Queue

Name	Class	Scenery
queue_setup1	QueueTest	<p>Queue is empty</p> 



Test Objective: Test if adding in an empty queue works				
Class	Method	Scenery	Input value	Return
QueueTest	offer	queue_set Up1	“Hola”	The element should be added to the queue

Test Objective: Test if adding in an non empty queue works				
Class	Method	Scenery	Input value	Return

QueueTest	offer	queue_set Up2	“Hola”	The element should be added to the queue
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Test Objective: Test if removing an element in an empty queue throws exception				
Class	Method	Scenery	Input value	Return
QueueTest	poll	queue_set Up1		it should throw an exception of type : exceptionThisDataStructureIsVoid

Test Objective: Test if removing an element in an non empty queue works				
Class	Method	Scenery	Input value	Return
QueueTest	poll	queue_set Up2		it should return “Hola”

Test Objective: Test if looking at the element in the front in an empty queue throws an exception				
Class	Method	Scenery	Input value	Return

QueueTest	front	queue_set Up1		it should throw an exception of type : exceptionThisDataStructureI sVoid
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Test Objective: Test if looking at the element in the front in an non empty queue throws an exception

Class	Method	Scenery	Input value	Return
QueueTest	front	queue_set Up2		it should return “Hola”

Test Objective: Test if eliminating every element in the queue makes it empty

Class	Method	Scenery	Input value	Return
QueueTest	empty()	queue_set Up2	4*poll()	queue.isEmpty() = true

Test Objective: Test if the size() method return the quantity of elements that are in the queue

Class	Method	Scenery	Input value	Return
QueueTest	size()	queue_set Up2		queue.size() == 4

Test Objective: Test if the clone() methods clones properly each of the elements of the queue

Class	Method	Scenery	Input value	Return
QueueTest	size()	queue_set Up2		queue.size() == newQueue.size()  for every element  queue.poll() == newQueue.poll()  or equals if it is an object

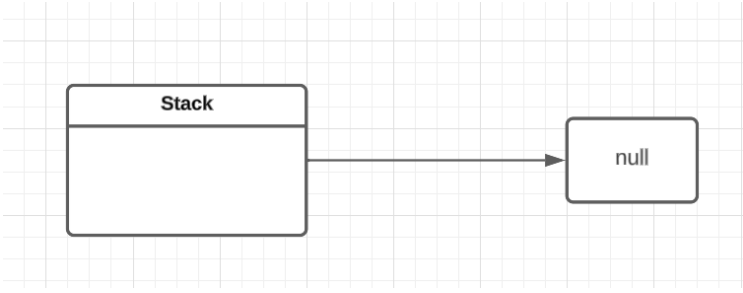
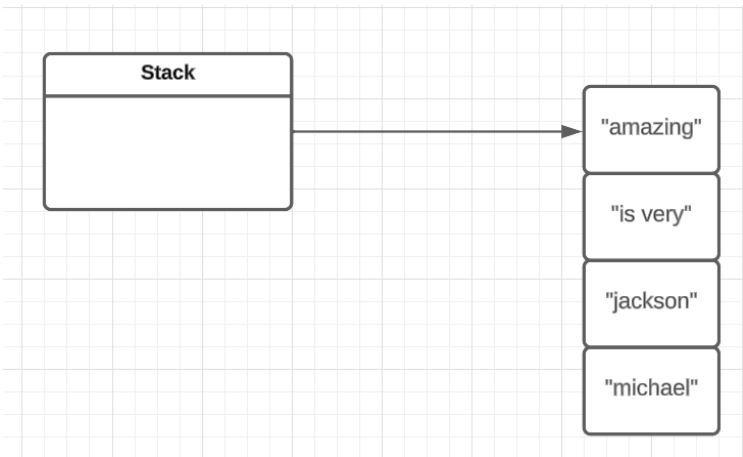
Test Objective: Check if cloning doesn't make a reference to the previous element, but a new object that is identical. Changing an element of the first queue and the same element in the cloned queue shouldn't be identical.

Class	Method	Scenery	Input value	Return
QueueTest	size()	queue_set Up2		The items shouldn't be identical

## Stack

Name	Class	Scenery
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stack_setup1	StackTest	
stack_setup2	StackTest	<p>The stack has some String values</p> 

Test Objective: adding in an empty stack				
Class	Method	Scenery	Input value	Return
StackTest	add()	stack_set Up1	“hola”	The items should be added

Test Objective: adding in an non empty stack				
Class	Method	Scenery	Input value	Return

StackTest	add()	stack_set Up2	“hola”	The items should be added
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Test Objective: removing an element in an empty stack				
Class	Method	Scenery	Input value	Return
StackTest	pop()	stack_set Up1		throw an exceptionThisDataStructureI sVoid

Test Objective: removing an element in an non empty stack				
Class	Method	Scenery	Input value	Return
StackTest	pop()	stack_set Up2		must be equal to “amazing”

Test Objective: looking at the top of an empty stack				
Class	Method	Scenery	Input value	Return
StackTest	top()	stack_set Up1		must return null

Test Objective: looking at the top of an non empty stack

Class	Method	Scenery	Input value	Return
StackTest	top()	stack_set Up2		must return “amazing”

Test Objective: removing all elements must make the stack empty

Class	Method	Scenery	Input value	Return
StackTest	pop()	stack_set Up2	pop() * 5	"Exception the list is void"
	isEmpty()			

Test Objective: test the size() method, it should return the same amount of elements added

Class	Method	Scenery	Input value	Return
StackTest	size()	stack_set Up2		must return 4


Test Objective: test the size() method, it should return the same amount of elements added

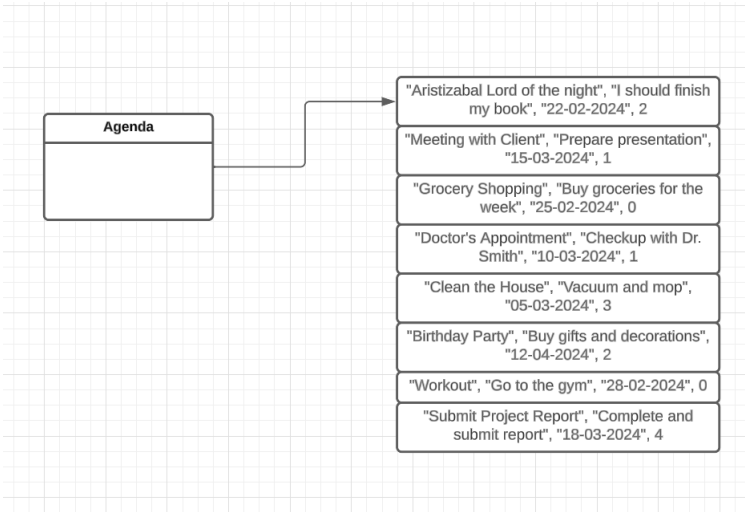
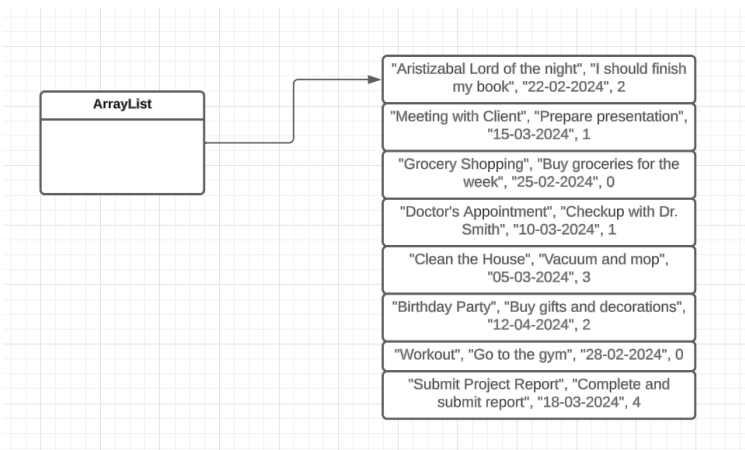
Class	Method	Scenery	Input value	Return

StackTest	size()	stack_set Up2		must return 4
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Test Objective: test clone method.				
Class	Method	Scenery	Input value	Return
StackTest	size()	stack_set Up2		the nes stack must have identical elements, but modifying one doesn't affect the other.

## Agenda

Name	Class	Scenery
Agenda_setu p1	AgendaTest	<p>Empty agenda</p> 

Agenda_setu p2	AgendaTest	<p>The agenda have some tasks</p>  <p>The diagram shows a class named 'Agenda' on the left. A line connects it to a vertical list of eight task objects on the right. Each task object contains a description, a date, and a priority value.</p> <table><tr><td>"Aristizabal Lord of the night", "I should finish my book", "22-02-2024", 2</td></tr><tr><td>"Meeting with Client", "Prepare presentation", "15-03-2024", 1</td></tr><tr><td>"Grocery Shopping", "Buy groceries for the week", "25-02-2024", 0</td></tr><tr><td>"Doctor's Appointment", "Checkup with Dr. Smith", "10-03-2024", 1</td></tr><tr><td>"Clean the House", "Vacuum and mop", "05-03-2024", 3</td></tr><tr><td>"Birthday Party", "Buy gifts and decorations", "12-04-2024", 2</td></tr><tr><td>"Workout", "Go to the gym", "28-02-2024", 0</td></tr><tr><td>"Submit Project Report", "Complete and submit report", "18-03-2024", 4</td></tr></table>	"Aristizabal Lord of the night", "I should finish my book", "22-02-2024", 2	"Meeting with Client", "Prepare presentation", "15-03-2024", 1	"Grocery Shopping", "Buy groceries for the week", "25-02-2024", 0	"Doctor's Appointment", "Checkup with Dr. Smith", "10-03-2024", 1	"Clean the House", "Vacuum and mop", "05-03-2024", 3	"Birthday Party", "Buy gifts and decorations", "12-04-2024", 2	"Workout", "Go to the gym", "28-02-2024", 0	"Submit Project Report", "Complete and submit report", "18-03-2024", 4
"Aristizabal Lord of the night", "I should finish my book", "22-02-2024", 2										
"Meeting with Client", "Prepare presentation", "15-03-2024", 1										
"Grocery Shopping", "Buy groceries for the week", "25-02-2024", 0										
"Doctor's Appointment", "Checkup with Dr. Smith", "10-03-2024", 1										
"Clean the House", "Vacuum and mop", "05-03-2024", 3										
"Birthday Party", "Buy gifts and decorations", "12-04-2024", 2										
"Workout", "Go to the gym", "28-02-2024", 0										
"Submit Project Report", "Complete and submit report", "18-03-2024", 4										
Agenda_setu p3	AgendaTest	<p>An arrayList with identical elements as the Agenda setup_2 to compare</p>  <p>The diagram shows a class named 'ArrayList' on the left. A line connects it to a vertical list of eight task objects on the right, which are identical to the ones in the first diagram.</p> <table><tr><td>"Aristizabal Lord of the night", "I should finish my book", "22-02-2024", 2</td></tr><tr><td>"Meeting with Client", "Prepare presentation", "15-03-2024", 1</td></tr><tr><td>"Grocery Shopping", "Buy groceries for the week", "25-02-2024", 0</td></tr><tr><td>"Doctor's Appointment", "Checkup with Dr. Smith", "10-03-2024", 1</td></tr><tr><td>"Clean the House", "Vacuum and mop", "05-03-2024", 3</td></tr><tr><td>"Birthday Party", "Buy gifts and decorations", "12-04-2024", 2</td></tr><tr><td>"Workout", "Go to the gym", "28-02-2024", 0</td></tr><tr><td>"Submit Project Report", "Complete and submit report", "18-03-2024", 4</td></tr></table>	"Aristizabal Lord of the night", "I should finish my book", "22-02-2024", 2	"Meeting with Client", "Prepare presentation", "15-03-2024", 1	"Grocery Shopping", "Buy groceries for the week", "25-02-2024", 0	"Doctor's Appointment", "Checkup with Dr. Smith", "10-03-2024", 1	"Clean the House", "Vacuum and mop", "05-03-2024", 3	"Birthday Party", "Buy gifts and decorations", "12-04-2024", 2	"Workout", "Go to the gym", "28-02-2024", 0	"Submit Project Report", "Complete and submit report", "18-03-2024", 4
"Aristizabal Lord of the night", "I should finish my book", "22-02-2024", 2										
"Meeting with Client", "Prepare presentation", "15-03-2024", 1										
"Grocery Shopping", "Buy groceries for the week", "25-02-2024", 0										
"Doctor's Appointment", "Checkup with Dr. Smith", "10-03-2024", 1										
"Clean the House", "Vacuum and mop", "05-03-2024", 3										
"Birthday Party", "Buy gifts and decorations", "12-04-2024", 2										
"Workout", "Go to the gym", "28-02-2024", 0										
"Submit Project Report", "Complete and submit report", "18-03-2024", 4										

Agenda_extremeSetup	AgendaTest	<p>An agenda with lots of tasks.</p> <p>Id, title, description, endline, priority</p> <p>1, "Title " 0, "Description " 0, 00-00-0000, 0</p> <p>2, "Title " 1, "Description " 1, 00-00-0000, 1</p> <p>3, "Title " 2, "Description " 2, 00-00-0000, 2</p> <p>4, "Title " 3, "Description " 3, 00-00-0000, 3</p> <p>5, "Title " 4, "Description " 4, 00-00-0000, 0</p> <p>...</p> <p>1000, "Title " 999, "Description " 999, 00-00-0000, 0</p>
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Test Objective: adding in an empty Agenda				
Class	Method	Scenery	Input value	Return
AgendaTest	add()	Agenda_setup1	"Aristizabal Lord of the night", "I should finish my book", "22-02-2024", 2	The item should be added

Test Objective: adding in a non empty Agenda				
Class	Method	Scenery	Input value	Return
AgendaTest	add()	Agenda_setup2	"The questions for the monitors", "Jhoan and	The item should be added

			Richard are good guys", "22-02-2024", 4	
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Test Objective: searching in an empty agenda				
Class	Method	Scenery	Input value	Return
AgendaTest	search()	Agenda_setUp1	1	exceptionThisDataStructureIsVoid

Test Objective: searching a task that doesn't exist				
Class	Method	Scenery	Input value	Return
AgendaTest	search()	Agenda_setUp2	100	exceptionTheObjectDoesntExist

Test Objective: searching a task that exist				
Class	Method	Scenery	Input value	Return
AgendaTest	search()	Agenda_setUp2	100	exceptionTheObjectDoesntExist

Test Objective: Remove a task in empty agenda				
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Class	Method	Scenery	Input value	Return
AgendaTest	removeTask()	Agenda_setup1	1 2	“The data is empty in the priority task”  "The data is empty in the non-priority task"

Test Objective: Remove a non priority task

Class	Method	Scenery	Input value	Return
AgendaTest	removeTask()	Agenda_setup2  Agenda_setup3	2	Removing a non priority task in agenda_setup2 must be identical to the element in the second position of the arraylist used in agenda_setup3

Test Objective: Removing every priority task, every time the element removed must be the one with the biggest priority.

Class	Method	Scenery	Input value	Return
AgendaTest	removeTask()	Agenda_setup2  Agenda_setup3		Agenda_setup3(7) == Agenda_setup2.extractMax(1);  Agenda_setup3(4) == Agenda_setup2.extractMax(1);  Agenda_setup3(0) == Agenda_setup2.extractMax(1);  Agenda_setup3(5) == Agenda_setup2.extractMax(1);



				Agenda_setup3(1) == Agenda_setup2.extractMax(1);  Agenda_setup3(3) == Agenda_setup2.extractMax(1);
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Test Objective: Removing every non priority task, every time the element removed must be the oldest one.

Class	Method	Scenery	Input value	Return
AgendaTest	removeTask()	Agenda_setup2  Agenda_setup3	2  2  2	Agenda_setup3(6) == Agenda_setup2.extractMax(2);  Agenda_setup3(2) == Agenda_setup2.extractMax(2);  "The data is empty in the non-priority task"

Test Objective: Removing a task won't eliminate others

Class	Method	Scenery	Input value	Return
AgendaTest	removeTask()	Agenda_setup2	7	the rest of task should still exist

Test Objective: modifying in empty Agenda

Class	Method	Scenery	Input value	Return
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AgendaTest	modify()	Agenda_setUp2	1,"Aristizabal Lord of the night", "I should finish my book", "22-02-2024", 2	exceptionThisDataStructureIsVoid
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Test Objective: modifying in normal case

Class	Method	Scenery	Input value	Return
AgendaTest	modify()	Agenda_setUp2	1, "Hi, I am German", " And the video at today", "22-02-2025", 3	the task number 1, should be changed with this information, it can be confirmed by searching.

Test Objective: modifying and the item doesn't exist

Class	Method	Scenery	Input value	Return
AgendaTest	modify()	Agenda_setUp2	100, "Hi, I am German", " And the video at today", "22-02-2025", 3	"The task was not modified because the task don't exist"

Test Objective: cloning and agenda makes identical items but not a reference to the same object

Class	Method	Scenery	Input value	Return
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AgendaTest	modify()	Agenda_setUp2		“The agenda was cloned, different objects”
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Test Objective: changing a clone won't affect the original agenda.

Class	Method	Scenery	Input value	Return
AgendaTest	modify()	Agenda_setUp2		the values must be different

Test Objective: test if every of the elements are added

Class	Method	Scenery	Input value	Return
AgendaTest	search()	Agenda_extremeSetUp	0 1 2 ... 999	All the values must be found

Test Objective: for every element cloned, the elements are equal but each has a different memory direction

Class	Method	Scenery	Input value	Return
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AgendaTest	clone()	Agenda_extremeSet Up	All te values must be identical but with a different memory direction
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Test Objective: changing every element should make different elements				
Class	Method	Scenery	Input value	Return
AgendaTest	modify ( )	Agenda_extremeSet Up	0, “Hi, I am German “ 0, , " And the video at today "+i*i, "22- 02-2025", 3  1, “Hi, I am German “ 0, , " And the video at today "+i*i, "22- 02-2025", 3  ...  999, “Hi, I am German “ 0, , " And the video at today "+i*i, "22-02-2025", 3	All te values must be modified

## Task

Name	Class	Scenery
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task_setup1	TaskTest	A task with this information:  12345678,"Marco Aurelio ","he owes me money","22-02-2034",2
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Test Objective: test if the constructor assigns the atributes properly				
Class	Method	Scenery	Input value	Return
TaskTest	Task()	Task_setup1		All the atributes must be assigned

## ControllerAgendaTest

Name	Class	Scenery
ControllerAgenda_setup2	ControllerAgenda	This tasks are added:  Id, title, description, endLine, priority  1, "Aristizabal Lord of the night", "I should finish my book", "22-02-2024", 2  2, "Meeting with Client", "Prepare presentation", "15-03-2024", 1  3, "Grocery Shopping", "Buy groceries for the week", "25-02-2024", 0  4, "Doctor's Appointment", "Checkup with Dr. Smith", "10-03-2024", 1

		<p>5, "Clean the House", "Vacuum and mop", "05-03-2024", 3</p>
ControllerAgenda_setup1	ControllerAgenda	<p>An empty controller</p>
ControllerAgenda_setup3	ControllerAgenda	<p>Is the ControllerAgenda_setup2 but with some modifications.</p> <p>We have a new variable "agenda" in which we will save the different versions of the agenda and an arrayList called "changes" in which we will save the text that is printed when doing an action. Then we do these changes:</p> <pre>control.removeTask(1);  changes.add("The task Submit Project Report was removed");  agenda.add(control.getAgenda().clone());  control.removeTask(2);  changes.add("The task Grocery Shopping was removed");</pre>

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agenda.add(control.getAgenda().clone());

control.addTask("Plan Vacation", "Research and book flights", "30-04-2024",
4);

changes.add("Add new task: Plan Vacation");

agenda.add(control.getAgenda().clone());

control.addTask("Pay Bills", "Utility and credit card bills", "05-03-2024", 0);

changes.add("Add new task: Pay Bills");

agenda.add(control.getAgenda().clone());

control.modifyTask(3, "Call Mom", "Check-in with Mom", "01-03-2024", 0);

changes.add("modify task by title: Call Mom");

agenda.add(control.getAgenda().clone());

control.removeTask(1);

changes.add("The task Plan Vacation was removed");

agenda.add(control.getAgenda().clone());

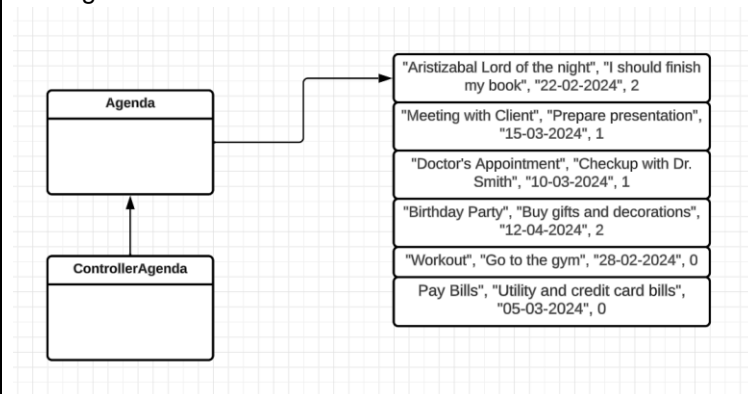
control.removeTask(2);

changes.add("The task Workout was removed");

agenda.add(control.getAgenda().clone());

```

Ending like this:



Test Objective: undoing an action when no action has been made

Class	Method	Scenery	Input value	Return
ControllerAgenda	undo ()	Controller Agenda_setup1		"There is no more versions to undo"

Test Objective: undoing in an agenda should make a different agenda for every undo() call

Class	Method	Scenery	Input value	Return
ControllerAgenda	undo ()	Controller Agenda_setup2		Each time the agendas must be different

Test Objective: every element after undoing an action must be the same

Class	Method	Scenery	Input value	Return
ControllerAgenda	undo ()	Controller Agenda_setup2		Each time the elements must be the same, unless the action affected the task

Test Objective: undoing in an agenda should make a different agenda for every undo() call

Class	Method	Scenery	Input value	Return
ControllerAgenda	undo ()	Controller Agenda_setup2		"The Agenda versions should be different by its changes: "



Test Objective: getting every element of the AgendaController should be equal to every element added, it can be confirmed by using an array of the previous elements

Class	Method	Scenery	Input value	Return
ControllerAgenda	toString ()	Controller Agenda_setup2		Each element should be the same

Test Objective: assert that undoing an action return the system to the exact previous version

Class	Method	Scenery	Input value	Return
ControllerAgenda	toString ()	Controller Agenda_setup3		Every version should be the same when undoing an action, and also the messages that are printed when doing an action