

Algoritmos y Estructuras de Datos
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Pruebas de Junit

A continuación, se muestran las pruebas para añadir y quitar elementos de VectorHeap.

```
13
14
15 @org.junit.Test
16 public void add() {
17     // Makes a new vector heap
18     VectorHeap<Paciente> siuHeap = new VectorHeap<>();
19
20     // Patients to be added
21     Paciente paciente = new Paciente("Elmer Curio", "Comio mucho", "B");
22     Paciente elBicho = new Paciente("Cristiano Ronaldo", "Bichos", "A");
23     Paciente laPulga = new Paciente("Lionel Messi", "Genius", "A");
24
25     // Adding patients
26     siuHeap.add(paciente);
27     siuHeap.add(elBicho);
28     siuHeap.add(laPulga);
29
30     // Tests
31     assertEquals(3, siuHeap.size()); // All patients were added
32
33     // Check correct priority
34     assertEquals(siuHeap.remove().getPatientName(), "Cristiano Ronaldo");
35     assertEquals(siuHeap.remove().getPatientName(), "Lionel Messi");
36     assertEquals(siuHeap.remove().getPatientName(), "Elmer Curio");
37 }
38
39 @org.junit.Test
40 public void remove() {
41     // Makes a new vector heap
42     VectorHeap<Paciente> removeHeap = new VectorHeap<>();
43
44     // Patient to be added
45     Paciente zoilaFlor = new Paciente("Zoila Flor", "Olor a rosas", "A");
46     removeHeap.add(zoilaFlor);
47
48     // Checks that its removing correctly
49     assertEquals(removeHeap.remove().getPriority(), "A");
50 }
51 }
```

VectorHeapTest > remove()

Run:	VectorHeapTest	3 ms	"D:\Program Files\JetBrains\IntelliJ IDEA Community Edition 2019.3.1\jbr\bin\java.exe" -ea -Didea.test.cyclic.buffer.size=1048576 "-jav
✓	VectorHeapTest	3 ms	
✓	remove	3 ms	
✓	add	0 ms	

Process finished with exit code 0

Tests passed: 2 (moments ago)

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