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Thu Oct 12 20:58:43 2017
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SearchDicho2Test.txt

```
package test. java;
import static org.junit.Assert.*;
import org.junit.Before;
import org.junit.Rule;
import org.junit.Test;
import org.junit.rules.Timeout;
import org.junit.runner.RunWith;
import org.junit.runners.JUnit4;
import main.java.Article;
import main.java.Shop;
@RunWith(JUnit4.class)
public class SearchDicho2Test {
        private Article articleValid;
        private Article articleValid2;
        private Article articleValid3;
        private Shop shop;
        public Timeout globalTimeout = Timeout.seconds(5);
        @Before
        public void setUp() throws Exception {
                articleValid = new Article("Article1", 50, 1);
                articleValid2 = new Article("Article2", 51, 2);
                articleValid3 = new Article("Article3", 52, 3);
                shop = new Shop(10);
                shop.insertArticle(articleValid);
                shop.insertArticle(articleValid2);
                shop.insertArticle(articleValid3);
        }
        @Test
        public void searchDicho2ElementInTableTest() {
                Article articleToFind = new Article("Article3", 52, 3);
                assertTrue(shop.searchDicho2(articleToFind));
                assertTrue(articleValid3.isEqual(articleToFind));
        }
        @Test
        public void searchDicho2ElementNotInTableTest() {
                Article articleToFindFalse = new Article("ToFindFalse", 51.5, 5);
                assertFalse(shop.searchDicho2(articleToFindFalse));
                for(int i = 0; i < shop.getNbArticle(); i++) {</pre>
                        assertFalse(shop.getStock()[0].isEqual(articleToFindFalse));
                }
        }
        @Test
        public void searchDicho2ElementWrongName() {
                Article articleToFindWrongName = new Article("WrongName", 52, 3);
                assertFalse(shop.searchDicho2(articleToFindWrongName));
                assertFalse(articleValid3.isEqual(articleToFindWrongName));
        }
        @Test
        public void searchDicho2ElementWrongNumber() {
                Article articleToFindWrongNumber = new Article("Article3", 52, 5);
                assertFalse(shop.searchDicho2(articleToFindWrongNumber));
                assertFalse(articleValid3.isEqual(articleToFindWrongNumber));
        }
        @Test
```

```
public void searchDicho2ElementWrongPrice() {
        Article articleToFindWrongPrice = new Article("Article3", 52.01, 3);
        assertFalse(shop.searchDicho2(articleToFindWrongPrice));
        assertFalse(articleValid3.isEqual(articleToFindWrongPrice));
}
@Test
public void searchDichoElementMini() {
       Article articleFree = new Article("Article3", 0.00, 3);
        assertFalse(shop.searchDicho2(articleFree));
        shop.insertArticle(articleFree);
       assertTrue(shop.searchDicho2(articleFree));
}
@Test
public void searchDichoElementMax() {
        Article articleExpensive = new Article("Article3", 10000.01, 3);
        assertFalse(shop.searchDicho2(articleExpensive));
        shop.insertArticle(articleExpensive);
        assertTrue(shop.searchDicho2(articleExpensive));
}
```