import static org.junit.Assert.\*;

import org.junit.After;

import org.junit.Before;

import org.junit.Test;

public class TestSorting {

private Sorting test = null;

private Sorting test2[];

@Before

public void setUp() throws Exception {

test = new Sorting();

test2 = new Sorting[2];

Sorting.swapReferences(test2, 0, 1);

}

@After

public void tearDown() throws Exception {

}

@Test

public void test() {

int ans1[] = {1,2,3,4,5};

int ans2[] = new int [100];

for(int i=99;i>=0;i--)

ans2[i]=i;

int a[] = {5,4,3,2,1};

test.isSorted(a);

test.insertionSort(a);

int b[] = new int[100];

for(int i=99;i>=0;i--)

b[i]=100-i;

Sorting.quicksort(b);

test.isSorted(a);

assertArrayEquals(ans1, a);

assertArrayEquals(ans2, b);

}

}