**TESTS USED TO MARK LAB SUBMISSION 3**

These are the tests used to mark your submission for Lab 3. Just replace your main function by the next ones and check that your programme works ok.

**Hybrid Sort:**

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| import java.util.\*; //please, do not forget to include this line  public static void main(String[] args) {  int[][] Tests = {  {},  {6, 2, 8, 5, 7, 5, 0, 2},  {2,2,2,2,2,2,2,2},  {4, -7, 2, 1, 0, 2, 4, 2, -3, 3, -3, 7, -2, 7, 7},  {-2, -2, -4, -9, -1, -6, -1, -14, -3, -15, -12, -12, -2, -8, -9},  };  for (int[] A: Tests) {  try {  System.out.println("Given array: " + Arrays.toString(A));  A = hybridSort(A); //change the name of function if necessary  System.out.println("Array sorted: " + Arrays.toString(A));  } catch (Exception e) {  System.out.println("Error for array: " + Arrays.toString(A));  System.out.println(e);  }  }  } |

**Mountain Sort**

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| import java.util.\*; //please, do not forget to include this line  public static void main(String[] args) {  int[][] Tests = {  {},  {6, 2, 8, 5, 7, 5, 0, 2},  {2,2,2,2,2,2,2,2},  {4, -7, 2, 1, 0, 2, 4, 2, -3, 3, -3, 7, -2, 7, 7},  {-2, -2, -4, -9, -1, -6, -1, -14, -3, -15, -12, -12, -2, -8, -9},  };  for (int[] A: Tests) {  try {  System.out.println("Given array: " + Arrays.toString(A));  A = MountainSort(A); //change the name of function if necessary  System.out.println("Array sorted: " + Arrays.toString(A));  System.out.println();  } catch (Exception e) {  System.out.println("Error for array: "+ Arrays.toString(A));  System.out.println(e);  }  }  } |