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CSC142

Justin Byun, No partner at this time

HW#07 Last updated 11/07

Used IDEs: IntelliJ(Eclipse)

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Self-Checking Problems

2.

numbers[0];

numbers[9];

numbers[numbers.length-1];

6.int[] data ={3, 3, 0, 0, 6, 9, 0, -18}

17.

public static boolean allLess(int[] a, int[] b) {

if(a.length == b.length) {

for(int i=0; i <=a.length; i++) {

if (a[i] < b[i]) {

return true;

}

}

}

return false;

}

21.

public static void swapPairs(int[] arr){

for(int i=0; i <(arr.length-1); i+=2) {

int temp = arr[i];

arr[i] = arr[i+1];

arr[i+1] = temp;

}

System.out.println(Arrays.toString(arr));

}

24.

mystery(a1, a2) => a1 = {26, 19, 14, 11, 10};

30.

public static void isPalindrome(String[] pal) {

for(int i=0; i<=(pal.length-1)/2; i++) {

if (pal[i].equals(pal[pal.length-1-i])) {

System.*out*.println("true");

}

}

System.*out*.println("false");

}

34.

public static void cpMatrix(int[][] matrix) {

for(int i=0; i<matrix.length; i++) {

for(int j=0; j<matrix.length; j++) {

int temp = matrix[i][2];

matrix[i][2] = matrix[i][5];

matrix[i][5] = temp;

}

}

}