Mod 2 Assignment

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Author Note

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import java.util.Arrays;

import java.util.Scanner;

public class main{

public static void main(String [] args){

Scanner in = new Scanner(System.in);

cheddar cheddarObject = new cheddar();

System.out.print("How long of an array do you want? ");

int size = in.nextInt();

int arr[] = new int [size];

for (int i = 0; i < size; i++){

System.out.print("Random number please: ");

arr[i] = in.nextInt();

}

System.out.println("----------------------------------------");

int total = cheddarObject.addNumber(arr);

System.out.println("The TOTAL for the array is " + total);

System.out.print("The sorted array is " + Arrays.toString(arr));

System.out.print("\n");

System.out.println("----------------------------------------");

}

}

public class cheese{

public static void sort(int [] arr){

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

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

if (arr[i+1] < arr[j]){

int temp = arr[j];

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

arr[i+1] = temp;

}

}

}

}

}

public class cheddar extends cheese{

public static int addNumber(int [] arr){

int total = 0;

cheese.sort(arr);

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

total = total + arr[i];

};

return total;

}

}