Week 07 Class Tasks

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public static int findClosestNumber(int[] nums) {  
 int small = nums[0];  
 for(int i=1; i<nums.length; i++){  
 if(Math.*abs*(nums[i])<Math.*abs*(small))  
 small = nums[i];  
 if(Math.*abs*(nums[i])==Math.*abs*(small) && nums[i]>small)  
 small = nums[i];  
 }  
 return small;  
}

public static int countDistinctIntegers(int n){  
 int count = 0;  
 for(int i=1; i<n; i++){  
 if(n%i == 1)  
 count++;  
 }  
 return count;  
}