using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

namespace ConsoleCollections

{

static class ExtensionMethods

{

public static void SortReverse<T>(this List<T> list)//метод для сортировки по убыванию

{

list.Sort();

list.Reverse();

}

public static double ItemAverage(this List<int> list)

{

int sum = 0;

foreach (var item in list) sum += item;

return sum / list.Count;

}

public static double ItemAverage(this List<double> list)

{

double sum = 0;

foreach (var item in list) sum += item;

return sum / list.Count;

}

public static int ItemSum(this List<int> list)

{

int sum = 0;

foreach (var item in list) sum += item;

return sum;

}

public static double ItemSum(this List<double> list)

{

double sum = 0;

foreach (var item in list) sum += item;

return sum;

}

}

}