Hogswatch

using System;

class Hogswatch

{

static void Main(string[] args)

{

int homes = int.Parse(Console.ReadLine());

int initialPresents = int.Parse(Console.ReadLine());

int presents = initialPresents;

int homeCommings = 0;

int additionalPresents = 0;

for (int home = 1; home <= homes; home++)

{

int children = int.Parse(Console.ReadLine());

if (presents >= children)

{

presents -= children;

continue;

}

int presentsShort = children - presents;

homeCommings++;

int presentsToTake = initialPresents / (home) \* (homes - home) + presentsShort;

additionalPresents += presentsToTake;

presents += presentsToTake - children;

}

if (homeCommings == 0)

{

Console.WriteLine(presents);

}

else

{

Console.WriteLine(homeCommings);

Console.WriteLine(additionalPresents);

}

}

}