using System;

class Program

{

static void Main()

{

Console.Write("Enter minNumber: ");

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

Console.Write("Enter maxNumber: ");

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

if (minNumber >= maxNumber)

{

Console.WriteLine("minNumber must be less than maxNumber.");

return;

}

int[,] frequencyArray = new int[maxNumber - minNumber + 1, 2];

for (int i = 0; i < frequencyArray.GetLength(0); i++)

{

frequencyArray[i, 0] = minNumber + i;

frequencyArray[i, 1] = 0;

}

Random random = new Random();

for (int i = 0; i < 1000; i++)

{

int randomNumber = random.Next(minNumber, maxNumber + 1);

try

{

int index = randomNumber - minNumber;

frequencyArray[index, 1]++;

}

catch (IndexOutOfRangeException)

{

Console.WriteLine("Index out of range: " + randomNumber);

}

}

Console.WriteLine("Number\tFrequency");

for (int i = 0; i < frequencyArray.GetLength(0); i++)

{

Console.WriteLine(frequencyArray[i, 0] + "\t" + frequencyArray[i, 1]);

}

}

}