internal class Program

{

static void Main(string[] args)

{

int[] mass = new int[10000];

int lmax =0;

int lmin =0;

int lavg =0;

Func<int> findmax = () =>

{

int max = -1;

foreach (int i in mass)

{

if (i > max)

max = i;

}

return max;

};

Func<int> findmin = () =>

{

int min = mass[0];

foreach (int i in mass)

{

if (i <min)

min = i;

}

return min;

};

Func<int> findavg = () =>

{

int sum = 0;

foreach (int i in mass)

{

sum += i;

}

sum = sum / mass.Length;

return sum;

};

Random random = new Random();

for(int i =0; i < mass.Length; i++) {

mass[i] = random.Next(0,10000);

}

Thread thread = new Thread(()=>{ lmax = findmax(); });

Thread thread1 = new Thread(() => { lmin = findmin(); });

Thread thread2 = new Thread(() => { lavg = findavg(); });

thread.Start();

thread1.Start();

thread2.Start();

thread.Join();

thread1.Join();

thread2.Join();

int min = lmin;

int max = lmax;

int avg = lavg;

Thread thread3 = new Thread(() =>

{

Console.WriteLine($"MIN:{min}, MAX:{max}, AVG:{avg}");

using (FileStream fileStream = new FileStream("FILE.txt", FileMode.Create))

using (StreamWriter writer = new StreamWriter(fileStream))

{

writer.WriteLine($"MIN:{min}, MAX:{max}, AVG:{avg}");

}

});

thread3.Start();

thread3.Join();

}

}