3.2 using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

namespace work

{

class Program

{

static void Main(string[] args)

{

int[] myArray = new int[10];

Console.WriteLine("请输入十个数");

for (int i = 0; i < 10; i++)

{

myArray[i] = Convert.ToInt32(Console.ReadLine());

}

Array.Sort(myArray);

Console.WriteLine("最大的数为" + myArray[9].ToString());

Console.WriteLine("最小的数为" + myArray[0].ToString());

Console.ReadKey();

}

}

}

Console.WriteLine("最小值为{0}，最大值为{1}",b,c);

Console.ReadKey();

3.4 int a;

do

{

a = Convert.ToInt32(Console.ReadLine());

} while (a <= 1 && a >= 12);

switch(a)

{

case 1:

Console.WriteLine("31");

break;

case 2:

Console.WriteLine("29");

break;

case 3:

Console.WriteLine("31");

break;

case 4:

Console.WriteLine("30");

break;

case 5:

Console.WriteLine("31");

break;

case 6:

Console.WriteLine("30");

break;

case 7:

Console.WriteLine("31");

break;

case 8:

Console.WriteLine("31");

break;

case 9:

Console.WriteLine("30");

break;

case 10:

Console.WriteLine("31");

break;

case 11:

Console.WriteLine("30");

break;

case 12:

Console.WriteLine("31");

Break；

}

Console.ReadKey();

3.7 int[] a = new int[10];

int b = 9999;

int c = 0;

int sum = 0;

for (int i = 0; i <= 9; i++)

{

a[i] = Convert.ToInt32(Console.ReadLine());

if (a[i] < b)

b = a[i];

if (a[i] > c)

c = a[i];

sum += a[i];

}

Console.WriteLine("最小值为{0}，最大值为{1},平均值为{2}，元素和为{3}", b, c,sum/10,sum);

Console.ReadKey();

3．8

using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

namespace chapter2\_8

{

class Program

{

static void Main(string[] args)

{

int[] a = new int[12] { 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1 };

int j = 0, k = 0;

while (k!=11)//数组有11个0时停止循环，剩下的为最后一人

{

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

{

if (a[i] == 1)

{

j += 1;

while (j == 5)//五次循环

{

a[i] = 0;//喊5的赋值0

k += 1;

j = 0;//重置计数

}

}

}

}

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

{

if(a[i]==1)

Console.WriteLine("最后出局的是{0}号",i+1);//输出位置

}

}

}

}