3.2

using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

namespace chapter2

{

class Program

{

static void Main(string[] args)

{

string[] a = new string[10];

int[] c = new int[10];

Console.WriteLine("请输入10个整数");

string b = Console.ReadLine();

a = b.Split(' ');

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

{

c[j] = Convert.ToInt32(a[j]);

}

Array.Sort(c);

int max = c[0], min = c[0];

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

{

if (c[i] > max)

{

max = c[i];

}

else if (c[i] < min

{

min = c[i];

}

}

Console.WriteLine("最大值{0},最小值{1}", max, min);

}

}

}

3.4

using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

namespace chapter2\_4

{

class Program

{

static void Main(string[] args)

{

int m;

while (true)

{

Console.WriteLine("请输入月份：");

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

if (0<m && m<13){ break; }

Console.WriteLine("您输入的月份有误，请重新输入。");

}

switch (m)

{

case 1: Console.WriteLine("31"); break;

case 2: Console.WriteLine("28"); 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

using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

using System;

using System.Collections.Generic;

using System;

namespace \_Clas

{

class Program

{

static void Main(string[] args)

{

int[] a = new int[5] { 1, 2, 3, 4, 5 };

Console.WriteLine("最小值=" + a.Max());

Console.WriteLine("最小值=" + a.Min());

Console.WriteLine("平均值=" + a.Average());

Console.WriteLine("和=" + a.Sum());

Console.ReadKey();

}

}

}

3.8

using System;

using System.Collections;

using System.Collections.Generic;

using System.Linq;

using System.Text;

namespace ConsoleApplication1

{

class Program

{

static void Main(string[] args)

{

Console.WriteLine("定义参与的人数： ");

String peoples = Console.ReadLine();

Console.WriteLine("定义规定的数字：");

String numbers = Console.ReadLine();

int nbs = Convert.ToInt32(numbers);

Queue<int> pes = new Queue<int>();

for (int i = 1; i <= Convert.ToInt32(peoples); i++)

{

pes.Enqueue(i);

}

int flag = 1;

while (pes.Count >= 2)

{

if (flag == nbs)

{

//Console.WriteLine("出队：" + pes.Dequeue());

pes.Dequeue();

flag = 1;

}

else

{

pes.Enqueue(pes.Dequeue());

flag++;

}

}

Console.WriteLine("约瑟夫环结束，最后出队的是：" + pes.Dequeue());

Console.ReadKey();

//公式法

//Console.WriteLine("定义参与的人数： ");

//String peoples = Console.ReadLine();

//Console.WriteLine("定义规定的数字：");

//String numbers = Console.ReadLine();

//int m = Convert.ToInt32(numbers);

//int p = 0;

//for (int i = 2; i <= Convert.ToInt32(peoples); i++)

//{

// p = (p + m) % i;

//}

//Console.WriteLine(p+1);

}

}

}