//P77\_2

using System;

using System.Collections.Generic;

using System.Text;

namespace ConsoleApplication1

{

class Program

{

static void Main(string[] args)

{

double[] myArray = new double[10];

Console.WriteLine("请输入十个数");

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

{

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

}

Array.Sort(myArray);

Console.WriteLine("最大数为：" + myArray[9].ToString());

Console.WriteLine("最小数为：" + myArray[0].ToString());

Console.ReadLine();

}

}

}

//P77\_4

using System;

using System.Collections.Generic;

using System.Text;

namespace ConsoleApplication1

{

class Program

{

static void Main(string[] args)

{

int a;

Console.WriteLine("请输入一个数：");

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

while (a>12||a<0)

{

Console.WriteLine("输入不正确，请再次输入：");

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

}

Console.Write("该月有");

switch (a)

{

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

case 2: Console.Write("28或29"); break;

case 3: Console.Write("31"); break;

case 4: Console.Write("30"); break;

case 5: Console.Write("31"); break;

case 6: Console.Write("30"); break;

case 7:

case 8: Console.Write("31"); break;

case 9: Console.Write("30"); break;

case 10: Console.Write("31"); break;

case 11: Console.Write("30"); break;

case 12: Console.Write("31"); break;

}

Console.WriteLine("天");

}

}

}

//P77\_7

using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

namespace ConsoleApplication1

{

class Program

{

static void Main(string[] args)

{

int[] array = new int[] { 1, 2, 4, 3, 0, -1, 34, 545, 2, 34 };

Console.WriteLine("Min:{0}", array.Min());

Console.WriteLine("Max:{0}", array.Max());

Console.WriteLine("Average:{0}", array.Average());

Console.WriteLine("Sum:{0}", array.Sum());

}

}

}

//P77\_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);

}

}

}