第2题.

static void Main(string[] args)

{

int max = int.MinValue;

int min = int.MaxValue;

int count = 0, input = 0;

int len=10;

while (count < len)

{

Console.Write("请输入第" + (count + 1) + "个数:");

if (int.TryParse(Console.ReadLine(), out input))

{

count++;

if (input > max) max = input;

if (input < min) min = input;

sum += input;

}

else Console.WriteLine("输入有误重新输入");

}

Console.WriteLine(string.Format("最大值为{0},最小为{1} ",max,min));

Console.ReadKey();

}

第4题.

using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

namespace ConsoleApplication2

{

class Program

{

static void Main(string[] args)

{

Console.WriteLine("输入一个月份:");

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

string month = Console.ReadLine();

switch (month)

{

case "1":

case "3":

case "5":

case "7":

case "8":

case "10":

case "12":

Console.WriteLine("31天");

break;

case "4":

case "6":

case "9":

case "11":

Console.WriteLine("是30天");

break;

case "2":

if (year % 400 == 0 || year % 4 == 0 && year % 100 != 0)

{

Console.WriteLine("29天");

}

else

{

Console.WriteLine("28天");

}

break;

default:

Console.WriteLine("错误");

break;

}

}

}

}第7题.

using System;

using System.Linq;

namespace \_3\_2

{

class Program

{

static void Main(string[] args)

{

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

Console.WriteLine("a.Max()=" + a.Max());

Console.WriteLine("a.Min()=" + a.Min());

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

Console.WriteLine("a.Sum()=" + a.Sum());

Console.ReadKey();

}

}

}第8题.

using System;

using System.Collections.Generic;

namespace \_3\_2

{

class Program

{

static void Main(string[] args)

{

Console.WriteLine("定义参与人数： ");

String peoples = Console.ReadLine();

Console.WriteLine("定义规定数字：");

String numbers = Console.ReadLine();

int nbs = Convert.ToInt32(numbers);

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

//最先入队最先出队

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

int flag = 1;

while (pes.Count >= 2)

{ //留下最后一个

if (flag == nbs)

{

//报到对应的数字，该人出队，且下个人从1开始报数

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

flag = 1;

}

else

{

pes.Enqueue(pes.Dequeue());

flag++;

}

}

Console.WriteLine("最后出队的是：" + pes.Dequeue());

Console.WriteLine("\nPress any key to quit.");

Console.ReadKey();

}

}

}