**C#第二章作业题**

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();

}

}

}

3-4 :

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 m;

while (true)

{

Console.WriteLine("请输入月份：");

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

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

Console.WriteLine("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;

namespace work

{

class Program

{

static void Main(string[] args)

{

int[] a = new int[5] { 1, 9, 8, 7, 5 };

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

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

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

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

}

}

}

}