**思考题**

**2\_4 Random有什么作用？**

用于生成一个0到1之间的随机符点数（注意不包含0和1）

**2\_5什么是字符串？C#中的字符串分为哪两类？**

字符串是字符的序列 string类 stringbuilder类

**2.6 String类的Concat()方法与StringBuffer类的Append()方法都可以连接两个字符串，它们之间有何不同？**

Contact用于一个或者多个String或者对象中创建一个新的String

Append是将指定的参数对象转化成字符串，附加在原StringBuffer字符串的后面。

**3-2**

using System;

using namespace ;

{

class Program

{

static void Main(string[] args)

{

string s = "asdasd";

Console.Write("Before deletion: s=");

Console.WriteLine(s);

Console.WriteLine("\nInput the char that you want to delete in s.");

string a = Console.ReadLine().ToString();

Console.Write("\nAfter deletion: s=");

s = s.Replace(a, "");

Console.WriteLine(s);

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

Console.ReadKey();

}

}

}

**3\_3**

using System;

using System.Collections.Generic;

using namespace ;

{

class Program

{

static void Main(string[] args)

{

Console.WriteLine("请输入要进行判断的字符串");

string str = Console.ReadLine();

Stack<char> stack = new Stack<char>();

Queue<char> queue = new Queue<char>();

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

{

stack.Push(str[i]);

queue.Enqueue(str[i]);

}

bool isPlalindrome = true;//isPlalindrome

while (stack.Count > 0)

{

if (stack.Pop() != queue.Dequeue())isPlalindrome

{

isPlalindrome = false;

break;

}

}

Console.WriteLine("字符串是回文串：" + isPlalindrome);

Console.ReadKey();

}

}

}

**3\_13**

using System;

using namespace

{

class Program

{

static void Main(string[] args)

{

Console.WriteLine("Input 10 integers...");

int[] a = new int[10];

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

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

Console.WriteLine("Before exchange :");

foreach (var i in a)

Console.Write(i + ",");

for (int i = 0; i < 5; i++)

{

int t = a[i];

a[i] = a[9 - i];

a[9 - i] = t;

}

Console.WriteLine("\nAfter exchange :");

foreach (var i in a)

Console.Write(i + ",");

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

Console.ReadKey();

}

}

}