

# Demonstrate several Char methods

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/*
C#: The Complete Reference
by Herbert Schildt

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*/

// Demonstrate several Char methods.

using System;

public class CharDemo {
public static void Main() {
string str = "This is a test. $23";
int i;

for(i=0; i < str.Length; i++) { Console.Write(str[i] + " is");
if(Char.IsDigit(str[i])) Console.Write(" digit");
if(Char.IsLetter(str[i])) Console.Write(" letter");
if(Char.IsLower(str[i])) Console.Write(" lowercase");
if(Char.IsUpper(str[i])) Console.Write(" uppercase");
if(Char.IsSymbol(str[i])) Console.Write(" symbol");
if(Char.IsSeparator(str[i])) Console.Write(" separator");
if(Char.IsWhiteSpace(str[i])) Console.Write(" whitespace");
if(Char.IsPunctuation(str[i])) Console.Write(" punctuation");
Console.WriteLine(); } Console.WriteLine("Original: " + str);
// Convert to upper case. string newstr = ""; for(i=0; i <
str.Length; i++) newstr += Char.ToUpper(str[i]);
Console.WriteLine("Uppercased: " + newstr); } } [/csharp]
```