

Tokenize strings

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/*
C#: The Complete Reference
by Herbert Schildt

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*/

// Tokenize strings.

using System;

public class TokenizeDemo {
public static void Main() {
string[] input = {
"100 + 19",
"100 / 3.3",
"-3 * 9",
"100 - 87"
};
char[] seps = {' '};

for(int i=0; i < input.Length; i++) { // split string into
parts string[] parts = input[i].Split(seps);
Console.Write("Command: "); for(int j=0; j < parts.Length;
j++) Console.Write(parts[j] + " "); Console.Write(", Result:
"); double n = Double.Parse(parts[0]); double n2 =
Double.Parse(parts[2]); switch(parts[1]) { case "+":
Console.WriteLine(n + n2); break; case "-":
Console.WriteLine(n - n2); break; case "*":
Console.WriteLine(n * n2); break; case "/":
Console.WriteLine(n / n2); break; } } } } [/csharp]
```