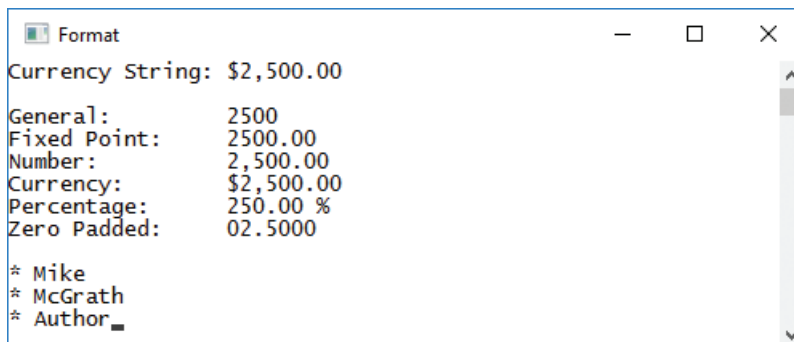


...cont'd

- 1 Start a new **Console Application**, then name the project and `Console.Title` as "Format"
- 2 Initialize a numeric variable, then use the `ToString()` method to output its value as a currency **string** format
`double sum = 2500 ;`
`Console.WriteLine("Currency String: " + sum.ToString("C")) ;`
- 3 Next, use the `String.Format()` method to output the same numeric value in various common **string** formats
`Console.Write(String.Format("\nGeneral:\t {0:G}" , sum)) ;`
`Console.Write(String.Format("\nFixed Point:\t {0:F}" , sum)) ;`
`Console.Write(String.Format("\nNumber:\t\t {0:N}" , sum)) ;`
`Console.Write(String.Format("\nCurrency:\t {0:C}" , sum)) ;`
- 4 Now, reduce the numeric value, then output it in a percentage **string** format and with padded zeroes
`sum /= 1000 ;`
`Console.Write(String.Format("\nPercentage:\t {0:P}" , sum)) ;`
`Console.Write`
`(String.Format("\nZero Padded:\t {0:00.0000} \n" , sum)) ;`
- 5 Then, create a comma-separated **string** list and split it into individual elements of a **string** array variable for output
`string data = "Mike,McGrath,Author" ;`
`string [] items = data.Split(',') ;`
`foreach (string item in items)`
`{ Console.Write(String.Format("\n* {0}" , item)) ; }`
`Console.ReadKey() ;`
- 6 Press **Start** or **F5** to see the formatted string output



```
Format
Currency String: $2,500.00
General:          2500
Fixed Point:     2500.00
Number:          2,500.00
Currency:        $2,500.00
Percentage:      250.00 %
Zero Padded:     02.5000

* Mike
* McGrath
* Author
```



Format



The specifier letters may be written as either uppercase or lowercase.



The argument to the `Split()` method must be a single **char** character – enclosed in single quotes.



You can use the `+` concatenation operator for formatting, but many prefer `String.Format()` for easily readable code.