

TEKLRN

C# LEVEL 43

1. Arrays
 - Example
2. Array overview
3. Arrays as Objects
4. Single-Dimensional Arrays
5. Array Initialization
6. Value Type and Reference Type Arrays
7. Multidimensional Arrays
8. Array Initialization
9. Jagged Arrays
 - Example
10. Using foreach with arrays
11. Passing arrays as arguments
12. Passing single-dimensional arrays as arguments
 - Example
13. Passing multidimensional arrays as arguments
14. Implicitly Typed Arrays
15. Implicitly-typed Arrays in Object Initializers
16. Strings
 - string vs. System.String
 - Declaring and Initializing Strings
 - Immutability of String Objects
 - Regular and Verbatim String Literals
 - String Escape Sequences
 - Format Strings
 - String Interpolation

- Composite Formatting

17. Substrings

- Accessing Individual Characters
- Null Strings and Empty Strings
- Using StringBuilder for Fast String Creation
- Strings, Extension Methods and LINQ
- How to determine whether a string represents a numeric value
- Example