

Level Up OOP

Week 3: Momentum Builds

C# Vocabulary and Concepts

Ch. 4 - 6

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- [P] 2. dot operator (p.28)
- [OO] 3. Methods (p.28)
- [Z] 4. Properties (p.28)
- [V] 5. Arguments (p.29)
- [K] 6. Copy() (p.29)
- [LL] 7. Length (p.29)
- [H] 8. IndexOf() (p.30)
- [M] 9. Sort() (p.30)
- [O] 10. Concatenate (p.31)

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- [U] 12. Equals() (p.33)
- [SS] 13. Split() (p.33)
- [KK] 14. Add() (p.35)
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- A. Used to convert to a decimal
- B. Converts the value of the specified Decimal to the equivalent single-precision floating-point number
- C. Curly braces that indicate where values are to be passed in to and concatenate with strings
- D. A class that handles the specific error that occurs when the format of an argument is invalid
- E. Method to add members at a specific position of a list
- F. A class that handles the specific error that occurs when you try to access an element of an array with an index that is outside its bounds
- G. An optional statement that is executed if no other case in a switch statement applies
- H. Method to determine if a certain value exists in an array
- I. `==`; to compare whether two variables are the same
- J. Property to find out the number of elements in a list
- K. Method that allows you to copy the contents of one array into another array, starting from the first element
- L. A class that handles general errors
- M. Method used to sort array
- N. Used to accept input from users; reads a line of characters
- O. To join two strings
- P. An operator used when we want to access a property or method of a class
- Q. A data type that stores a reference to the data
- R. Method to remove all items in a list
- S. Method to remove a member at a specific location
- T. A collection of data that are normally related to each other
- U. Method to compare if two strings are identical
- V. Data passed into a method
- W. Used to convert data from one data type to another
- X. Used to a 32-bit signed integer
- Y. A statement that evaluates to true or false
- Z. Represents a class's data
- AA. `\n`; Used to add a newline to text in code
- BB. Method used to extract a string from a longer string
- CC. Method to check if a list contains a certain member
- DD. Controls how the program proceeds when an error occurs
- EE. Used to specify the format of numeric data in placeholders
- FF. Useful to combine multiple condition statements

- GG. Class that represents the standard input, output, and error streams for console applications
- HH. A jump statement that instructs the compiler to exit the current block
- II. Method to remove members from a list
- JJ. \t; Used to add a tab to text in code
- KK. Method to add members to a list
- LL. Property of an array; tells the number of items the array has
- MM. \; Used to escape characters that otherwise have a different meaning
- NN. A statement that instructs the compiler to jump to another line in the program
- OO. Represent a class's behavior
- PP. A data type that stores its own data
- QQ. A jump statement that instructs the compiler to skip the rest of the loop thereafter
- RR. Method to display messages to users
- SS. Method to split a string into substrings based on an array of user-defined separators
- TT. A statement that determines whether or not other statements will be evaluated
- UU. Converts the value of the specified Decimal to the equivalent double-precision floating-point number