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Lesson Plan 2

C#

1. What is a statement

A statement is a command that performs an action, such as calculating a value and stoing the result or displaying a message to a user.

1. What is an identifier?

Identifiers are names that you use to identify the elements in your program, such as namespaces, classes, methods and variables.

1. What is a variable?

A variable is a strorage location that holds a value. You can think of a variable as a box in the computers memory that holds temporary information.

1. Are primitive types and value types the same thing?

A value type is usually whatever type reside on the Stack. A primitive type is a type defined at the programming language level, often it is even a value type, directly supported by the compiler of the language.

1. How are arithmetic operators and variable types related?

Operators are used for processing variables and returning values to the user.

1. How do you turn an integer into a string?
2. How do you turn a string into an integer?

The .NET Framework provides a method called Int32.Parse that you can use to convert a string into an integer.

1. What is the diference between preceden and associativity

Precedence governs the order in which an expression operators are evaluated.

Associativity is the direction (left or right) in which the operators of an operator are evaluated

1. How are the prefix and postfix increment and decrement operators evaluated differently

The value returned by count ++ is the value of count before the increment takes place. The value returned by ++count is the value of count after the increment takes place.

1. What is a string interpolation
2. What does the var keyword do