.NET Technologies

.NET Technologies - Lecture 2

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UNIT 1: Topics in this presentation

- .NET Variables

- .NET Data types

- .NET Operators

.NET Variables

Variable Type	Example
Decimal types	decimal
Boolean types	True or false value, as assigned
Integral types	int, char, byte, short, long
Floating point types	float and double
Nullable types	Nullable data types

.NET Variables

Let's see the syntax to declare a variable:

```
type variable_list;
```

The example of declaring variable is given below:

```
int i, j;
double d;
float f;
char ch;
```

```
int i=2,j=4;  //declaring 2 variable of integer type
float f=40.2;
char ch='B';
```

.NET Data types

Types	Data Types
Value Data Type	short, int, char, float, double etc
Reference Data Type	String, Class, Object and Interface

```
string s1 = "hello";//creating string using string keyword
String s2 = "welcome";//creating string using String class
```
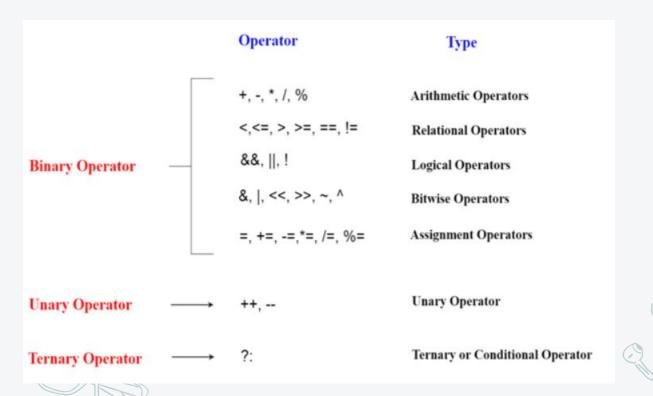
.NET Operators

Operator	Type
Binary Operator	
+, -, *, /, %	Arithmetic Operators
<, <=, >, >=, ==, !=	Relational Operators
&&, ||, !	Logical Operators
&, |, <<, >>, ~, ^	Bitwise Operators
=, +=, -=, *=, /=, %=	Assignment Operators
Unary Operator → ++, --	Unary Operator
Ternary Operator → ?:	Ternary or Conditional Operator

Thanks!

Any questions?

You can post your questions on Google Classroom.