

1.10 Relational Operators

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relational operator	C# equality operator	Example of C# condition	Meaning of C# condition
=	==	x == y	x is equal to y
≠	!=	x != y	x is not equal to y
>	>	x > y	x is greater than y
<	<	x < y	x is less than y
≥	>=	x >= y	x is greater than or equal to y
≤	<=	x <= y	x is less than or equal to y

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Chapter 2 Control Structures

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2.2 Control Structures

- Program of control
 - Program performs one statement then goes to next line
 - Sequential execution
 - Different statement other than the next one executes
 - Selection structure
 - The **if** and **if/else** statements
 - The switch statement
 - The **goto** statement
 - No longer used unless absolutely needed
 - Causes many readability problems
 - Repetition structure
 - The **while** and **do/while** loops (chapter 5)
 - The **for** and **foreach** loops (chapter 5)

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- Flow carts
 - Used to map program
 - Illustrates the order events will go in
 - Rectangle used to show action
 - Oval used to show beginning and the end
 - Circles used as connectors
 - Diamonds used as decisions
 - Combination of control structures
 - Stacking
 - Placing one after another
 - Nesting
 - Inserting of one structure into another

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