

# MS C# Language Elements

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TM

C# Keywords		
abstract	As	base
bool	Break	byte
case	catch	char
checked	class	const
continue	decimal	default
delegate	Do	double
else	enum	event
explicit	extern	false
finally	fixed	float
for	foreach	goto
if	implicit	in
int	interface	internal
is	lock	long
namespace	new	null
object	operator	out
override	params	Private
protected	public	ReadOnly
ref	return	Sbyte
sealed	short	Sizeof
stackalloc	static	String
struct	switch	This
throw	true	Try
typeof	uint	Ulong
unchecked	unsafe	Ushort
using	virtual	Volatile
void	while	

C# Statements	
Category	C# Keywords
Selection statements	if, else, switch, case
Iteration statements	Do, for, foreach, in, while
Jump statements	break, continue, default, goto, return
Exception handling statements	throw, try-catch, try-finally, try-catch-finally
Checked and unchecked	checked, unchecked
Fixed Statement	Fixed
Lock Statement	Lock



C# Literal Keywords		
Null	True	False

C# Operators	
Category	Operators
Arithmetic	+, -, *, /, %
Logical (boolean and bitwise)	&,  , ^, !, ~, &&,   , true, false
String concatenation	+
Increment, decrement	++, --
Shift	<<, >>
Relational	==, !=, <, >, <=, >=
Assignment	=, +=, -=, *=, /=, %=, &=,  =, ^=, <<=, >>=
Member access	.
Indexing	[]
Cast	()
Conditional	?:
Delegate concatenation and removal	+, -
Object creation	New
Type information	as, is, sizeof, typeof,
Overflow exception control	checked, unchecked
Indirection and Address	*, ->, [], &

C# Preprocessor Directives	
#if	#else
#elif	#endif
#define	#undef
#warning	#error
#line	#region
#endregion	