

Visual Studio

Keyboard shortcuts

Code editing

Ctrl+ Space	Complete word
Ctrl + Shift + Space	Show signature help
Alt + ↑ / ↓	Move line up / down
Ctrl + D	Duplicate line
Ctrl + Shift + L	Delete line
Ctrl + Enter	Insert line below
Ctrl + Shift + Enter	Insert line above
Ctrl + ↑ / ↓	Scroll line up / down
Ctrl + PgUp / PgDn	Scroll page up / down
Shift + mouse wheel	Scroll page horizontally
Ctrl + /	Toggle line comment
Ctrl + Shift + /	Toggle block comment
Ctrl + K + D	Format document
Ctrl + K + F	Format selection
Alt + /	Ask Copilot (inline chat)
Ctrl + E + W	Toggle word wrap
Ctrl + R + W	Toggle view whitespace
Shift + Alt + L + S	Sort lines
Shift + Alt + L + J	Join lines

Search and replace

Ctrl + F	Find
Ctrl + H	Replace
Ctrl + Shift + F	Find in files
Ctrl + Shift + H	Replace in files
F8 / Shift F8	Go to next / previous error

Refactoring

Ctrl + . <i>or</i> Alt + Enter	Show quick actions
Ctrl + R + M	Extract method
Ctrl + R + I	Extract interface
Ctrl + R + R	Rename
Ctrl + R + G	Remove and sort usings
Ctrl + K + E	Code cleanup
Ctrl + K + S	Surround with (<i>if, try, etc.</i>)
Shift + Alt + L + S	Sort lines
Shift + Alt + L + J	Join lines

Navigation

Ctrl + Q <i>or</i> Ctrl + Shift + P	Feature search
Ctrl + T	Code search
Ctrl + G	Go to line
F8 / Shift + F8	Go to next / prev error
F12	Go to definition
Alt + F12	Peek definition
Ctrl + F12	Go to implementation
Shift + F12	Find all references
Alt + Home	Go to base class
Ctrl + - / Ctrl + Shift -	Navigate backward / forward
Ctrl + Shift + backspace	Go to last edit location
Ctrl + Shift + ↑ / ↓	Go to next / prev reference
Ctrl + K + K	Toggle bookmark
Ctrl + K + N/P	Go to next / prev bookmark
Ctrl + K + L	Clear all bookmarks

Debugging

F5	Start/continue debugging
Shift + F5	Stop debugging
Ctrl + F5	Start without debugging
F9	Toggle breakpoint
Ctrl + Shift + F9	Clear all breakpoints
F10	Step over
F11	Step into
Shift + F11	Step out
Ctrl + Alt + P	Attach to process...
Shift + Alt + P	Reattach to process
Alt + F2	Launch profiler
Shift + Alt + F2	Relaunch profiler

Multi caret and selection

Ctrl + Alt + mouse click	Insert caret
Shift + Alt + .	Insert next matching caret
Shift + Alt + ;	Insert all matching carets
Shift + Alt + ,	Remove last caret
Shift + Alt + /	Move last caret down
Shift + Alt + ↑ / ↓	Column (box) selection
Alt + drag mouse	Column (box) selection
Shift + Alt = / -	Expand / collapse selection

Projects and solutions

Ctrl + Shift + N	New project
Ctrl + Shift + O	Open project
Ctrl + B	Build selection

Ctrl + Shift + B	Build solution
Ctrl + Shift + A	Add new item
Shift + Alt + A	Add existing item
Shift + F2	Quick add item
Alt + Enter	Properties

File management

Ctrl + N	New file
Ctrl + O	Open file
Ctrl + Shift + S,	Save all
Ctrl + Alt + PgUp / PgDn	Go to document on left / right
Ctrl + F4	Close tab
Ctrl + K + Z	Restore closed tabs
Ctrl + [+ S	Reveal active file in Explorer
Ctrl + TAB	Cycle through tabs
F7 / Shift + F7	Toggle designer and code view
F4	Properties

Windows and display

Shift + Alt + Enter	Toggle full screen
Ctrl + dblclick on window	Toggle last dock/float location
Ctrl + Alt + 1-9	Switch saved window layout
Shift + ESC	Close active tool window
Ctrl + Alt + L	Activate Solution Explorer
Ctrl + \ + C	Activate GitHub Copilot Chat
Ctrl + \ + E	Activate Error List
Ctrl + Alt + O	Activate Output window
ESC	Set focus on editor

Git

Alt + G + C	Git Changes window
Alt + G + M	Git Repository window
Ctrl + Alt + F3	Branch picker
Ctrl + Alt + F4	Repository picker
Ctrl + E + C	Git actions menu
Ctrl + Enter	Commit

Unit testing

Ctrl + E + T	Test Explorer
Ctrl + R + A	Run all tests
Ctrl + R + L	Repeat last run
Ctrl + R + U	Run until failure
Ctrl + R + F	Run failed tests
Ctrl + R + N	Run not run tests
Ctrl + R + Del	Clear all results