### **Mastering Essential Keyboard Shortcuts for Code Editors: VS Code, PyCharm, Sublime Text, and Atom**

**Streamline Your Workflow with These 50 Time-Saving Keyboard Shortcuts for Each Editor**

|  |  |  |
| --- | --- | --- |

Discover the most useful shortcuts for Visual Studio Code, PyCharm, Sublime Text, and Atom, with brief explanations to enhance your coding efficiency and productivity.

## **Visual Studio Code (VS Code)**

1. **Ctrl + P** – *Quick File Search*: Quickly open any file by name.
2. **Ctrl + Shift + P** – *Command Palette*: Access all commands in VS Code.
3. **Ctrl + /** – *Toggle Line Comment*: Comment or uncomment the current line.
4. **Ctrl + F** – *Find*: Search for text within the current file.
5. **Ctrl + H** – *Find and Replace*: Replace matched text.
6. **Ctrl + B** – *Toggle Sidebar*: Show or hide the sidebar for navigation.
7. **Ctrl + `** – *Toggle Terminal*: Open or close the integrated terminal.
8. **Ctrl + Shift + N** – *New Window*: Open a new instance of VS Code.
9. **Ctrl + W** – *Close Editor*: Close the current open tab/editor.
10. **Ctrl + K, Ctrl + S** – *Open Keyboard Shortcuts*: Customize shortcuts.
11. **Ctrl + Shift + [** – *Fold Code Block*: Collapse the current block of code.
12. **Ctrl + Shift + ]** – *Unfold Code Block*: Expand the collapsed code block.
13. **Ctrl + D** – *Select Next Match*: Select the next occurrence of the word.
14. **Ctrl + K, Ctrl + C** – *Add Line Comment*: Comment multiple lines of code.
15. **Ctrl + K, Ctrl + U** – *Remove Line Comment*: Uncomment multiple lines.
16. **Alt + Up/Down Arrow** – *Move Line*: Shift the current line up or down.
17. **Ctrl + Enter** – *Insert Line Below*: Add a new line below the current line.
18. **Ctrl + Shift + Enter** – *Insert Line Above*: Add a new line above the current line.
19. **Ctrl + L** – *Select Line*: Select the entire line of code.
20. **Ctrl + Shift + K** – *Delete Line*: Remove the current line completely.
21. **Ctrl + Shift + L** – *Select All Matches*: Select all occurrences of a word in the document.
22. **F12** – *Go to Definition*: Jump to the function or variable definition.
23. **Ctrl + K, Ctrl + V** – *Markdown Preview*: View markdown in preview mode.
24. **Ctrl + Space** – *Trigger Suggest*: Show context-aware suggestions.
25. **Ctrl + Shift + F** – *Find in Folder*: Search for text across multiple files.
26. **Ctrl + Shift + M** – *Show Problems*: Open the "Problems" panel for issues.
27. **Ctrl + K, Ctrl + X** – *Trim Trailing Whitespace*: Remove extra spaces from the current file.
28. **Ctrl + Shift + P, then “>”** – *Start New Command Prompt*: Run an external command.
29. **Ctrl + Shift + U** – *Toggle Output Panel*: View debugging output or build logs.
30. **Ctrl + Shift + G** – *Open Source Control*: Navigate to the version control view.
31. **Ctrl + G** – *Go to Line*: Jump to a specific line number.
32. **Ctrl + Shift + P, then "Reload"** – *Reload Window*: Quickly reload VS Code without closing.
33. **Alt + Click** – *Multiple Cursors*: Add multiple cursors for simultaneous editing.
34. **Ctrl + Shift + Alt + Arrow Keys** – *Column Selection*: Select blocks of code.
35. **Ctrl + Shift + E** – *Show Explorer*: Open the file explorer pane.
36. **Ctrl + Shift + X** – *Show Extensions*: Open the extension marketplace.
37. **Ctrl + Shift + V** – *Markdown Preview Side-by-Side*: View markdown along with code.
38. **Ctrl + K, Ctrl + 0** – *Collapse All Folds*: Collapse all code blocks.
39. **Ctrl + F2** – *Select All Occurrences of Word*: Select every occurrence of the current word.
40. **Shift + Alt + F** – *Format Document*: Automatically format the code.
41. **F5** – *Start Debugging*: Start or restart a debugging session.
42. **Ctrl + K, Ctrl + W** – *Close All Tabs*: Close all open editor tabs.
43. **Ctrl + Alt + Left/Right Arrow** – *Navigate History*: Go forward/backward in the editing history.
44. **Ctrl + Shift + Tab** – *Cycle Through Tabs*: Switch between open tabs.
45. **Ctrl + Shift + C** – *Open External Terminal*: Launch an external terminal.
46. **Ctrl + Alt + N** – *Run Code*: Directly execute code (with Code Runner extension).
47. **Ctrl + Shift + U** – *Show Output Panel*: Show the output of the last command.
48. **Ctrl + K, Z** – *Zen Mode*: Toggle distraction-free coding mode.
49. **Ctrl + K, Ctrl + F** – *Format Selection*: Automatically format the selected code.
50. **Alt + Shift + F** – *Auto-Format*: Auto-format the entire code file.

## **PyCharm**

1. **Ctrl + Shift + A** – *Search for Actions*: Search for any action or command.
2. **Ctrl + Shift + F** – *Find in Path*: Search across all project files.
3. **Ctrl + Y** – *Delete Line*: Remove the current line.
4. **Ctrl + D** – *Duplicate Line*: Copy the current line below.
5. **Alt + Enter** – *Quick Fix*: Show available fixes for errors or warnings.
6. **Ctrl + /** – *Toggle Comment*: Comment or uncomment the current line.
7. **Ctrl + Alt + L** – *Reformat Code*: Automatically reformat the code according to style guidelines.
8. **Ctrl + Shift + F10** – *Run File*: Run the current Python script.
9. **Ctrl + B** – *Go to Definition*: Jump to a function or variable definition.
10. **Ctrl + Shift + U** – *Toggle Case*: Convert the selected text between upper and lower case.
11. **Ctrl + E** – *Recent Files*: Quickly access recently opened files.
12. **Shift + F6** – *Rename Symbol*: Rename a variable, function, or class across the project.
13. **Ctrl + F12** – *File Structure*: View and navigate through the structure of the file.
14. **Ctrl + Shift + V** – *Paste from History*: Paste from clipboard history.
15. **Ctrl + Shift + N** – *Search for File*: Open a file by name.
16. **Alt + F1** – *Select in Project View*: Locate the current file in the project structure.
17. **Ctrl + Shift + Up/Down** – *Move Line Up/Down*: Move the current line up or down.
18. **Ctrl + Alt + O** – *Optimize Imports*: Automatically organize and optimize import statements.
19. **Ctrl + Shift + T** – *Create Unit Test*: Create a new unit test for the selected function or class.
20. **Ctrl + F9** – *Build Project*: Compile the entire project.
21. **Ctrl + Shift + B** – *Rebuild Project*: Rebuild the entire project from scratch.
22. **Ctrl + Shift + Q** – *Quit PyCharm*: Close the PyCharm editor.
23. **Ctrl + Tab** – *Switch Tabs*: Switch between open files.
24. **Alt + Shift + F7** – *Find Usages*: Find all references to a variable or function.
25. **Alt + 1** – *Open Project View*: Show the project tree.
26. **Ctrl + Shift + Space** – *Smart Completion*: Offer more relevant autocomplete suggestions.
27. **Ctrl + Shift + G** – *Find in Git Log*: Search through the Git log for specific changes.
28. **Ctrl + F8** – *Toggle Breakpoint*: Add or remove a breakpoint for debugging.
29. **Shift + Ctrl + F8** – *View Breakpoints*: Open the breakpoints panel.
30. **Alt + F7** – *Find Usages*: Find all instances of a variable, function, or class.
31. **Ctrl + Shift + T** – *Go to Test*: Quickly jump to a test class or function.
32. **Alt + Shift + E** – *Run Python Code in Console*: Execute the selected code in the Python console.
33. **Alt + Left/Right** – *Switch between Editor Tabs*: Navigate between open tabs.
34. **Ctrl + Shift + R** – *Run Context Configuration*: Run or debug the code with the current context configuration.
35. **Ctrl + N** – *Navigate to Class*: Quickly open a class by name.
36. **Ctrl + Shift + D** – *Debug Last Launched Configuration*: Run the last debug configuration.
37. **Ctrl + U** – *Go to Super Method*: Navigate to the super method of the current function.
38. **Ctrl + Shift + V** – *Paste from History*: View and paste previous clipboard contents.
39. **Ctrl + Q** – *Quick Documentation Lookup*: Show documentation for the symbol at the caret.
40. **Ctrl + Alt + Shift + T** – *Refactor This*: Open the refactor menu for the current selection.
41. **Alt + Insert** – *Generate Code*: Auto-generate code like constructors, getters, and setters.
42. **Ctrl + Alt + Shift + K** – *Commit Changes*: Open the commit dialog for version control.
43. **Ctrl + K** – *Commit Changes*: Commit your current changes to version control.
44. **Ctrl + T** – *Update Project*: Pull the latest changes from version control.
45. **Ctrl + Alt + J** – *Surround with Template*: Surround the selected code with a template, like try-except.
46. **Ctrl + Alt + V** – *Introduce Variable*: Create a new variable from the selected expression.
47. **Alt + Shift + C** – *View Recent Changes*: See the recent changes made to the current file.
48. **Ctrl + Shift + Backspace** – *Navigate to Last Edit Location*: Return to where you last edited.
49. **Ctrl + F11** – *Bookmark Line*: Add or remove a bookmark on the current line.
50. **F11** – *Toggle Bookmark*: Add or remove a simple bookmark on the current line.

## **Sublime Text**

1. **Ctrl + P** – *Goto Anything*: Quickly open files or jump to lines.
2. **Ctrl + Shift + P** – *Command Palette*: Access various Sublime Text commands.
3. **Ctrl + /** – *Toggle Comment*: Add or remove comments on the current line.
4. **Ctrl + D** – *Select Word*: Select the current word.
5. **Ctrl + L** – *Select Line*: Select the entire line of text.
6. **Ctrl + Shift + L** – *Split Selection into Lines*: Split multi-line selection into individual lines.
7. **Ctrl + F** – *Find*: Search for text in the current file.
8. **Ctrl + H** – *Find and Replace*: Search and replace text.
9. **Ctrl + Shift + F** – *Find in Files*: Search across multiple files.
10. **Alt + Shift + 2** – *Split View*: Split the editor into two vertical panes.
11. **Alt + 1** – *Single Column View*: Switch to a single-column view.
12. **Ctrl + Shift + M** – *Select Content Within Brackets*: Select the content inside parentheses, brackets, or braces.
13. **Ctrl + Enter** – *Insert Line Below*: Add a new line below the current line.
14. **Ctrl + Shift + Enter** – *Insert Line Above*: Add a new line above the current line.
15. **Ctrl + K, Ctrl + U** – *Convert to Uppercase*: Change the selected text to uppercase.
16. **Ctrl + K, Ctrl + L** – *Convert to Lowercase*: Change the selected text to lowercase.
17. **Ctrl + Shift + K** – *Delete Line*: Remove the current line completely.
18. **Ctrl + Shift + D** – *Duplicate Line*: Copy the current line below.
19. **Ctrl + J** – *Join Lines*: Combine two lines into one.
20. **Ctrl + Shift + /** – *Block Comment*: Add or remove block comments.
21. **Ctrl + Alt + Up/Down Arrow** – *Add Multiple Cursors*: Add additional cursors for multi-line editing.
22. **Ctrl + K, Ctrl + B** – *Toggle Sidebar*: Show or hide the sidebar.
23. **Ctrl + G** – *Goto Line*: Jump to a specific line number.
24. **Ctrl + K, Ctrl + X** – *Trim Trailing Whitespace*: Remove extra spaces at the end of lines.
25. **Ctrl + Shift + U** – *Uppercase Toggle*: Toggle the case of the selected text.
26. **Ctrl + F6** – *Next Syntax Definition*: Switch to the next language syntax.
27. **Ctrl + Alt + P** – *Project Quick Switcher*: Quickly switch between projects.
28. **Ctrl + K, Ctrl + 0** – *Fold All Code Blocks*: Collapse all code blocks.
29. **Ctrl + K, Ctrl + J** – *Unfold All Code Blocks*: Expand all code blocks.
30. **Alt + Left/Right Arrow** – *Navigate Open Files*: Switch between open files.
31. **Ctrl + Shift + T** – *Reopen Closed Tab*: Reopen the last closed file.
32. **Ctrl + Tab** – *Cycle Through Open Files*: Switch between open files.
33. **Ctrl + Shift + N** – *New Window*: Open a new Sublime Text window.
34. **Ctrl + W** – *Close Tab*: Close the current tab.
35. **Ctrl + Shift + W** – *Close All Tabs*: Close all open files.
36. **Ctrl + K, Ctrl + C** – *Add Line Comment*: Add a comment on the current line.
37. **Ctrl + U** – *Soft Undo*: Undo the last action.
38. **Ctrl + Shift + U** – *Redo Soft Undo*: Redo the last undone action.
39. **Ctrl + K, Ctrl + W** – *Close All Other Tabs*: Close all tabs except the current one.
40. **Ctrl + Backspace** – *Delete Word Backward*: Delete the word to the left.
41. **Ctrl + Delete** – *Delete Word Forward*: Delete the word to the right.
42. **Ctrl + Shift + [** – *Fold Code Block*: Collapse the current block of code.
43. **Ctrl + Shift + ]** – *Unfold Code Block*: Expand the current block of code.
44. **Ctrl + Shift + L** – *Select All Occurrences of Word*\*: Select every occurrence of the current word.
45. **Ctrl + Alt + 1-9** – *Navigate Between Open Projects*: Quickly switch between open project tabs.
46. **Ctrl + Shift + H** – *Find and Replace in Selection*\*: Replace all occurrences within a selected area.
47. **Ctrl + R** – *Go to Symbol*\*: Jump to any symbol (e.g., function or variable) in the current file.
48. **Ctrl + Shift + Space** – *Show Autocomplete Suggestions*\*: Manually trigger autocomplete suggestions.
49. **Ctrl + Shift + P** – *Show Build Results*\*: Show the results of the last build.
50. **F12** – *Go to Definition*\*: Jump to the definition of the symbol under the cursor.

## **Atom**

1. **Ctrl + P** – *Open File*: Quickly open files by name.
2. **Ctrl + Shift + P** – *Command Palette*: Access Atom’s command palette for shortcuts.
3. **Ctrl + /** – *Toggle Comment*: Comment or uncomment selected lines.
4. **Ctrl + F** – *Find in File*: Search for text in the current file.
5. **Ctrl + Shift + F** – *Find in Project*\*: Search for text across multiple files in the project.
6. **Ctrl + D** – *Select Word*\*: Select the next occurrence of the word.
7. **Ctrl + Shift + L** – *Select All Occurrences*\*: Select all occurrences of the selected word.
8. **Ctrl + L** – *Select Line*\*: Select the entire line of text.
9. **Ctrl + Enter** – *Insert Line Below*\*: Add a new line directly below the current one.
10. **Ctrl + Shift + Enter** – *Insert Line Above*\*: Add a new line directly above the current one.
11. **Alt + Up/Down Arrow** – *Move Line*\*: Move the selected line or block of text up or down.
12. **Ctrl + K, Ctrl + B** – *Toggle Tree View*\*: Show or hide the file tree sidebar.
13. **Ctrl + G** – *Goto Line*\*: Jump to a specific line number in the file.
14. **Ctrl + Shift + D** – *Duplicate Line*\*: Duplicate the selected line or block of text.
15. **Ctrl + K, Ctrl + W** – *Close All Tabs*\*: Close all open files except the current one.
16. **Ctrl + Shift + K** – *Delete Line*\*: Remove the current line.
17. **Ctrl + Shift + M** – *Preview Markdown*\*: View a live preview of Markdown files.
18. **Ctrl + K, Ctrl + 0** – *Fold All Code Blocks*\*: Collapse all code blocks in the editor.
19. **Ctrl + K, Ctrl + J** – *Unfold All Code Blocks*\*: Expand all collapsed code blocks.
20. **Ctrl + Alt + Arrow Keys** – *Multi-Select Cursors*\*: Add multiple cursors for simultaneous editing.
21. **Ctrl + Alt + N** – *Run Script*\*: Run the current script (requires a package).
22. **Ctrl + Shift + U** – *Convert to Uppercase*\*: Change the selected text to uppercase.
23. **Ctrl + Shift + L** – *Toggle Case*\*: Toggle the case of the selected text.
24. **Ctrl + K, Ctrl + U** – *Convert to Lowercase*\*: Convert the selected text to lowercase.
25. **Ctrl + W** – *Close Current Tab*\*: Close the active file tab.
26. **Ctrl + Shift + W** – *Close All Windows*\*: Close all open Atom windows.
27. **Ctrl + Tab** – *Switch Between Tabs*\*: Cycle through open file tabs.
28. **Ctrl + Shift + H** – *Replace*\*: Replace text in the current file or selection.
29. **Ctrl + R** – *Goto Symbol*\*: Navigate to a symbol (e.g., function or class) in the file.
30. **Ctrl + Shift + P** – *Open Palette*\*: Search for any command using the palette.
31. **Ctrl + Shift + E** – *Open Git Tab*\*: Open the Git tab to manage version control.
32. **Alt + Shift + S** – *Show Git Status*\*: View the Git status of the project.
33. **Ctrl + Shift + C** – *Copy Path*\*: Copy the full path of the current file.
34. **Ctrl + Shift + N** – *New Window*\*: Open a new Atom window.
35. **Ctrl + K, Ctrl + R** – *Refactor Code*\*: Access refactoring tools.
36. **Ctrl + U** – *Soft Undo*\*: Undo the last cursor movement or action.
37. **Ctrl + Shift + U** – *Soft Redo*\*: Redo the last undone cursor movement or action.
38. **Ctrl + Alt + K** – *Remove Trailing Spaces*\*: Remove unnecessary trailing spaces from lines.
39. **Ctrl + Shift + T** – *Reopen Last Closed Tab*\*: Restore the last closed file.
40. **Ctrl + Shift + G** – *Search Git Commits*\*: Search through the Git commit history.
41. **Ctrl + Shift + N** – *New File*\*: Create a new file in the project.
42. **Ctrl + F2** – *Toggle Bookmark*\*: Add or remove a bookmark on the current line.
43. **F2** – *Next Bookmark*\*: Navigate to the next bookmarked line.
44. **Shift + F2** – *Previous Bookmark*\*: Navigate to the previous bookmarked line.
45. **Ctrl + Shift + F2** – *Clear Bookmarks*\*: Remove all bookmarks from the current file.
46. **Ctrl + Shift + O** – *Open Project*\*: Open an existing project or folder.
47. **Alt + Click** – *Multiple Cursors*\*: Insert multiple cursors for editing multiple lines simultaneously.
48. **Ctrl + J** – *Join Lines*\*: Merge the current line with the next line.
49. **Ctrl + F9** – *Run Build Task*\*: Run a build task configured for the project.
50. **Ctrl + Shift + I** – *Toggle Developer Tools*\*: Open the Chrome Developer Tools for debugging.