# YTHON SHORTCUTS

CHEATSHEET



learn.pavanlalwani.com



#### Command Mode (Press Esc to Enable)



**Enter Edit Mode** 



Run Cell, Select Below







Run Selected Cells







Run Cell, Insert Below







To Code



To Markdown



To Row



Markdown Heading Size (1,2,3,4,)







Select Cell Above









Select Cell Above Insert Cell Above/Below Shift Paste Cell Above X **Cut Selected Cell** C Copy Selected Cell Paste Cell Below **Undo Cell Deletion Delete Selected Cell** Shift Merge Cell Below Save and Checkpoint Ctrl



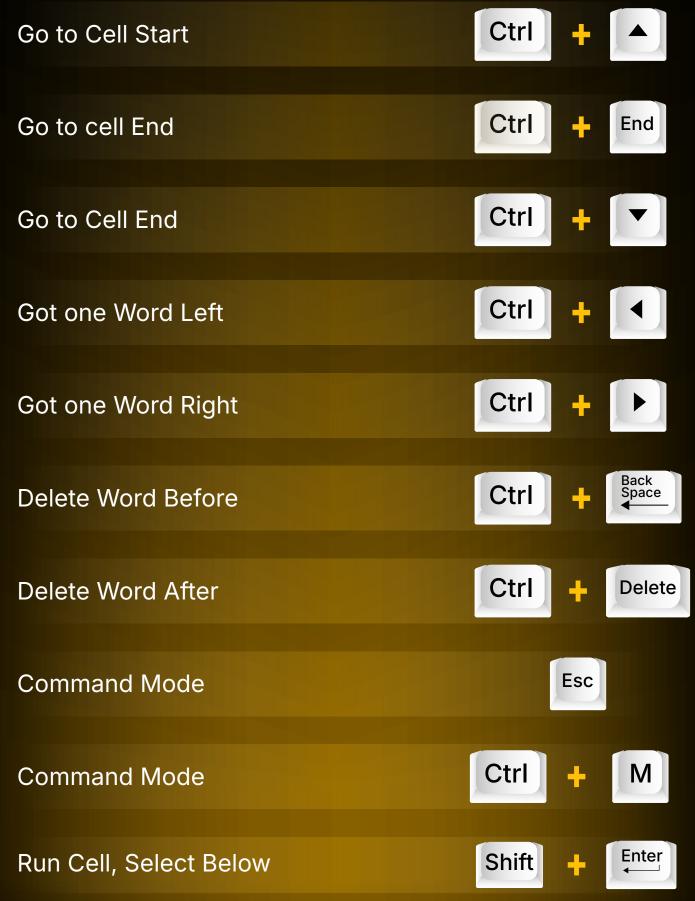
**Toggle Line Numbers Toggle Output** Shift **Toggle Output Scrolling** Esc Close pager **Show Keyboard Shortcut Help Dialogbox** Interrupt Kernel Restart Kernel **Space** Scroll Down Shift **Space** Scroll Up Ignore Shift



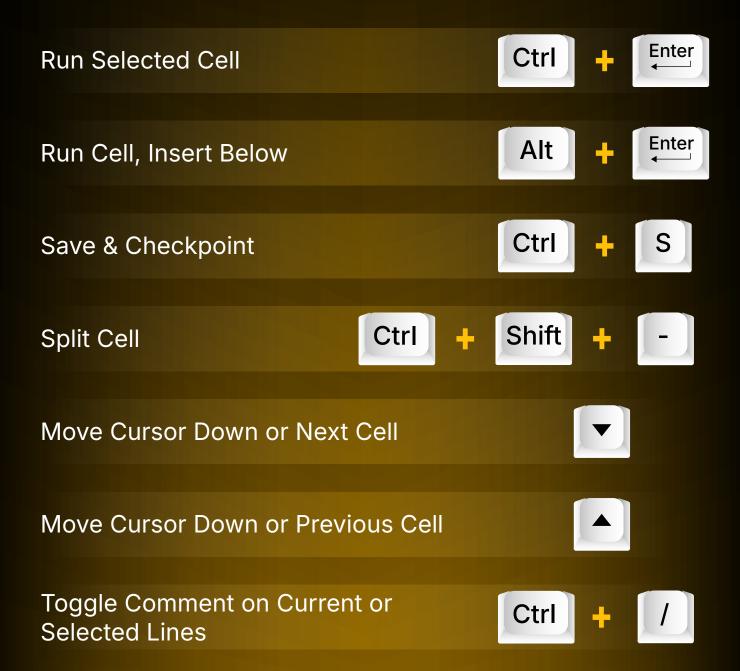
## Edit Mode ( Press Enter to Enable)

Code Completion or Indent			Tab	
Tooltip		Shift	+	Tab ←
Indent		Ctrl	+	
Dedent		Ctrl	+	
Select All		Ctrl	+	A
Undo		Ctrl	+	Z
Redo	Ctrl +	Shift	+	Z
Redo		Ctrl	+	Y
Go to Cell Start		Ctrl	+	∩ Home











# Conventional Keyboard Shortcuts

Go to Start of Line	Home	
Go to End of Line	End	
Go to Previous Character		
Go to Next Character		
Go to Previous Line		
Go to Next Line		
Go to Start of Previous Word	Ctrl +	1
Go to Start of Next Word	Ctrl +	<b>&gt;</b>
Go to Start of Document	Ctrl + Home /	



Home Ctrl Go to End of Document Ctrl Open File Ctrl **Open New File** Ctrl Delete to Beginning of Previous Word Ctrl Delete Delete to Beginning of Next Word Ctrl Select All Ctrl **Copy Selection** Ctrl Save Current File Ctrl Shift Save Current File As



Ctrl Alt Save All Open Files Delete **Delete Selection or Current Character** Ctrl X **Cut Selction** Ctrl Paste Clipboard Content Ctrl **Undo Last Action** Shift Ctrl **Redo Last Action** Ctrl **Quit Spyder** 



# **Keyboard Shortcuts For Navigation**

Go to Line	Ctrl	+	L
Go to Previous File	Ctrl	+	Tab ←
Go to Next File Ctrl	Shift	+	Tab
Go to (i.e., Open) Last Closed File	Shift	+	T
Go to (i.e., Switch to & Open) File	Ctrl	+	P
Go to Previous cursor Location  Ctrl	Alt	+	
Go to Next cursor Location  Ctrl	Alt	+	<b>P</b>
Go to Last Edit Ctrl + Alt +	Shift	+	
Go to Definition	Ctrl	+	G



## **Keyboard Shortcuts For Zooming & Commenting**

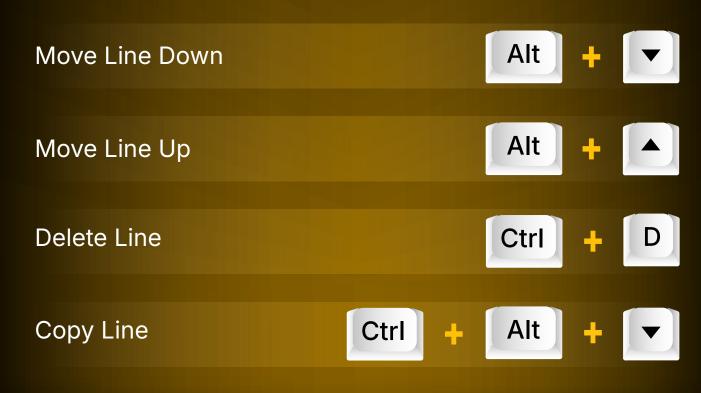
Zoom in	Ctrl +	+	1	=
Zoom out		Ctrl	+	-
Zoom Reset		Ctrl	+	0
Toggle Comment Selection (or Line)		Ctrl	+	1
Insert Block Comment		Ctrl	+	4
Uncomment Block Comment		Ctrl	+	5



## Search And Replace

Find Next	Ctrl + F
Find Next	F3
Find Previous	Shift + F3
Replace Text	Ctrl + R

## Moving, Copying, Duplicating and Deleting





**Duplicate Line** 











#### Miscellaneous Keyboard Shortcuts

Indent Selected Line(s)



Unindent Slected Lines(s)



+



Transform to Lowercase







Transform to Uppercase

Ctrl

+

Shift

+



Close File

Ctrl

+

W

. [

Close All

Ctrl

+

Shift

**Code Completion** 

Ctrl

+

**Space** 

**Inspect Current Object** 

Ctrl

+

1



#### **Executing Code**

F5 Run File (complete program) F6 Re-run Last Script Ctrl F6 Configure F9 Run Selection (or Current line) F10 Profile Run Cell **Shift** Run Cell & Advance F8 Run Static Code Analysis

Open an iPython Console

Ctrl



Restart Kernel

Ctrl

+

•

## **Debugging Code**

Breakpoint

F12

**Conditional Breakpoint** 

Shift

+

F12

Debug

Ctrl

٠

F5

Step

Ctrl

+

F10

Step Into

Ctrl

+

F11

Step Return

Ctrl

+

Shift

H

F11

Continue

Ctrl

+

F12

Stop

Ctrl

+

Shift

+

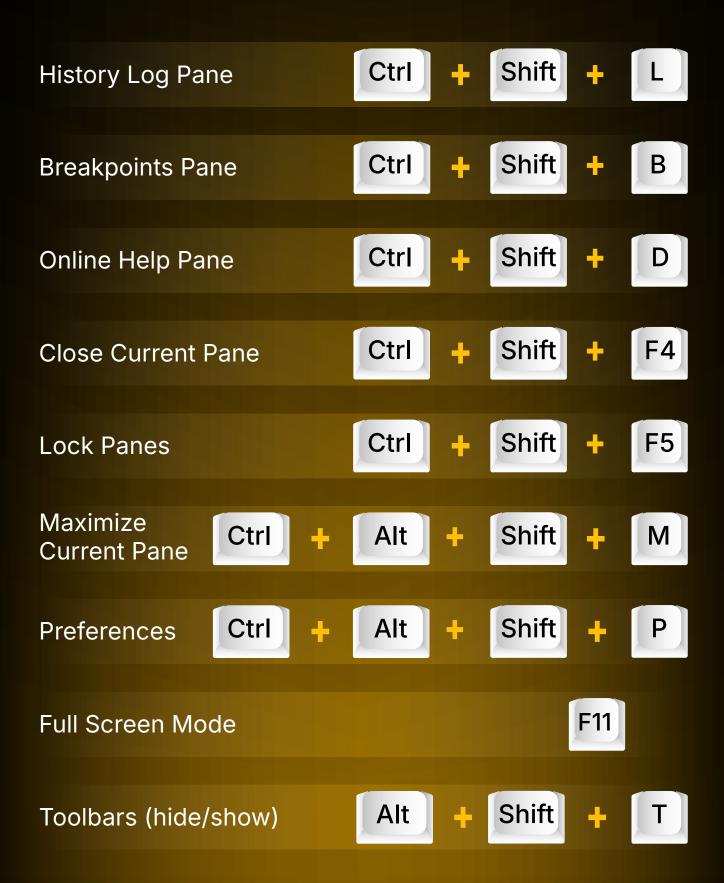
F12



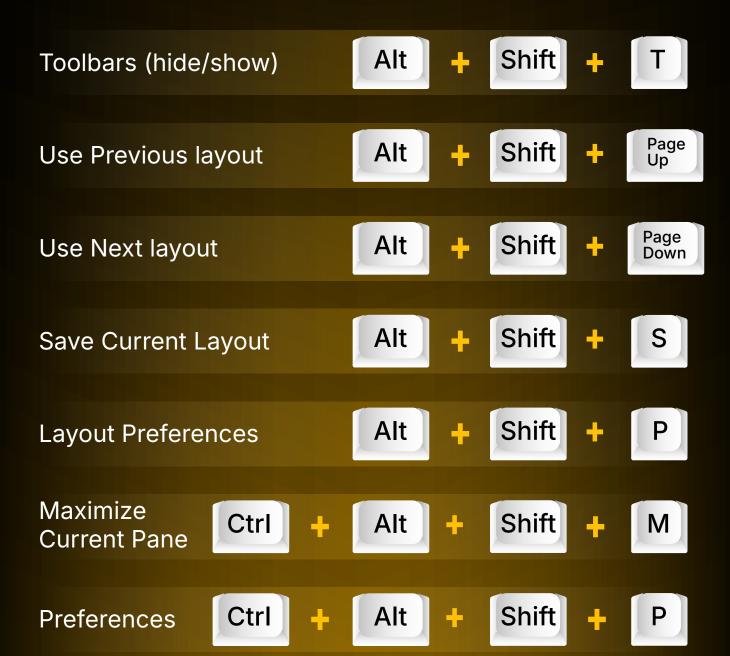
# Interface Adjustment & Layouts

Editor Pane	Ctrl	+	Shift	+	E
Python Console Pane	Ctrl	+	Shift	+	C
iPython Console Pane	Ctrl	+	Shift	+	
Variable Explorer Pane	Ctrl	+	Shift	+	V
Help Pane	Ctrl	+	Shift	+	H
File Explorer Pane	Ctrl	+	Alt	+	X
Outline Pane (show/hide)	Ctrl	+	Alt	+	0
Project Explorer Pane	Ctrl	+	Shift	+	Р
Find in Files Pane	Ctrl	+	Shift	+	F











# **System Shortcuts**

Run Code		Ctrl	+	Enter
Show Preferences		Ctrl	+	•
Theoretical Explanation		Ctrl	+	Q
New Editor		Ctrl	+	N
Open File	Shift	Ctrl	+	0
Save File		Ctrl	+	S
Close File		Ctrl	+	W
Move to Editor to the Left of Active Editor	Ctrl	Option	+	<b> </b>
Move to Editor to the Left of Active Editor	Ctrl -	Option	+	1



Focus On Editor	Ctrl +	1
Focus on Console	Ctrl +	2
Toggle View for Environment/History	Ctrl +	3
Toggle View for Files/Plots/ Packages/Help	Ctrl +	4
Restart Rodeo	Ctrl +	R
System Shortcuts		
Clear Console	Ctrl +	L
Skip to Beginning of Console	Ctrl +	A
Skip to End of Console	Ctrl +	E



Cancel Console Input

Ctrl

+



**Show Autocomplete Options** 



#### **Editor Shortcuts**

**Comment Code** 

Ctrl

+



**Delete Line** 

Ctrl

+



Select Next Occurrence

Ctrl

+

Option

+



Select Previous Occurrence

Ctrl

+

Option

+



**Split Into Lines** 

Ctrl

+

Option

+



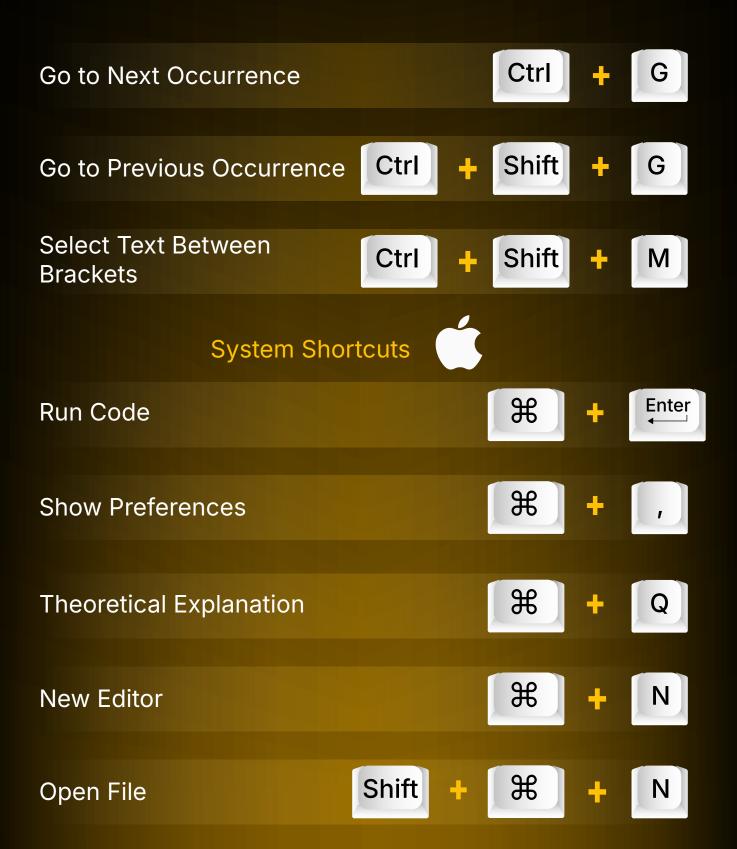
Find/ Replace Text

Ctrl

+

F







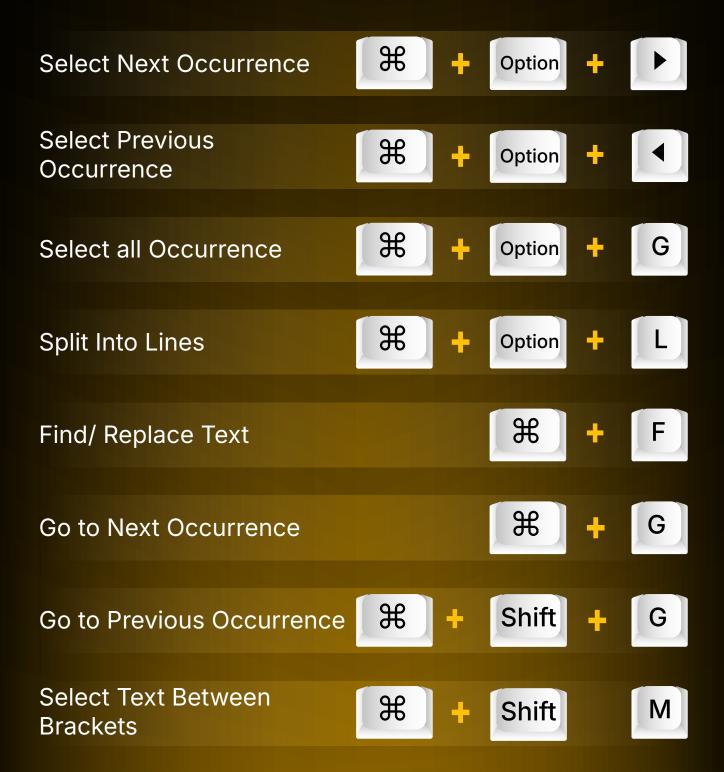
Save File Close File Move to Editor to the Left H Option of Active Editor Move to Editor to the Right H Option of Active Editor Focus on Editor **Focus on Console Toggle View for Environment/History** Toggle View for Files/Plots/ Packages/Help Restart Rodeo



## **Console Shortcuts**

Clear Console	# L
Skip to Beginning of Console	# A
Skip to End of Console	# E
Cancel Console Input	₩ + C
Show Autocomplete Options	Tab
Editor	
Show Autocomplete Options	Tab
Comment Code	<b>#</b> /
Delete Line	# D







# **Advance Editing Shortcuts**



Comment With Line Comment	Ctrl	+	
Comment With Block Comment   Ctrl	Shift	+	
Quick Documentation	Ctrl	+	Q
Pop-up Hector Ctrl + Shift +	Alt	+	H
Parameter Info	Ctrl	+	P
Contex Info	Alt	+	Q
Error Description	Ctrl	+	F1
Extrenal Documentation	Shift	+	F1
Override Method	Ctrl	+	0







# **Basic Editing Shortcuts**

Undo			Ctrl	+	Z
Redo	Ctrl	+	Shift	+	Z
Cut			Ctrl	+	X
Сору			Ctrl	+	C
Paste			Ctrl	+	V
Paste From History	Ctrl	+	Shift	+	V
Up					
Up With Selection			Shift	+	
Down					



Shift **Down With Selection** Shift Left/Right With Selection Page Ctrl Go to Page Top Go to Page Top Page Up Ctrl **Shift** With Selection **Page** Page Down Down Shift Page Down With Selection Page Page Up Up **Page** Shift Page Up With Selection Ctrl Scroll Down



Ctrl M Scroll to Centre Ctrl Scroll Up **End** Move to Line End Shift End Move to Line End With Selection ∩ Home Move to Line Start Home Shift Move to Line Start With Selection Ctrl Move to Next Word Move to Next Word Ctrl Shift With Selection Move to Previous Word

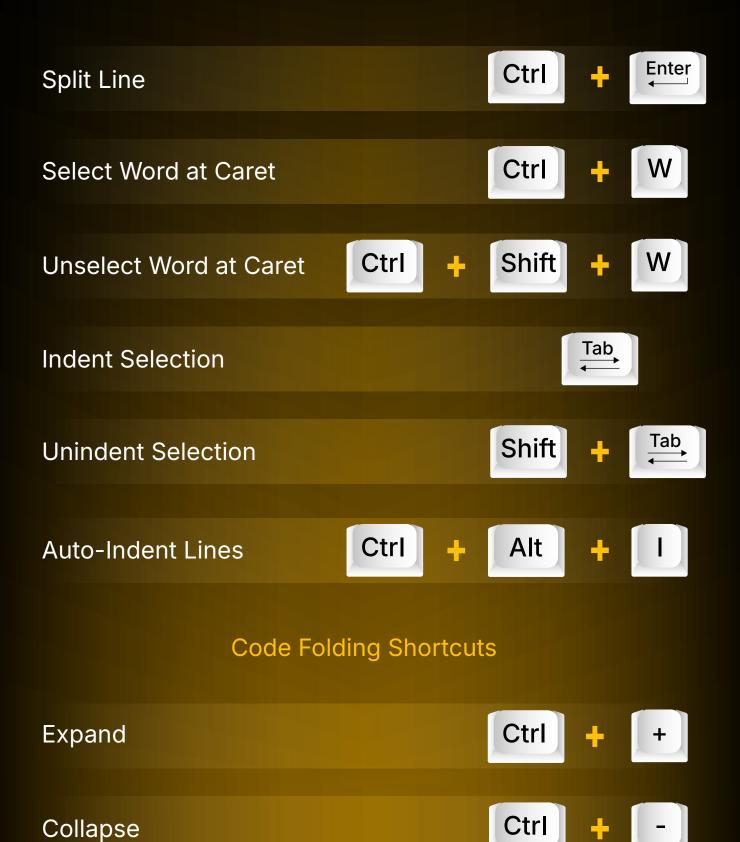


Move to Previous Word Shift Ctrl With Selection Ctrl End Move to Text End Move to Text End Shift Ctrl End With Selection Home Ctrl Move to Text Start Move to Text Start ∩ Home Ctrl Shift With Selection Ctrl Select All Ctrl **Delete Line at Caret** Ctrl **Delete** Delete to Word End Ctrl Delete to Word Start



Ctrl **Toogle Insert/Overwrite** Ctrl Shift **Toogle Case** Ctrl Move to Code Block End Move to Code Block End Ctrl Shift With Selection Ctrl Move to Code Block Start Move to Code Block Start Ctrl Shift WIth Selection **Shift** Start New Line Start New Line Before Ctrl Alt **Current One** Shift Join Lines







**Expand Recursively** 

Ctrl

Alt

+

Collapse Recursively

Ctrl

**⊢** Alt

+

-

**Expand All** 

Ctrl

+ [

Shift

Collapse All

Ctrl

+

Shift

. .

Expand to Level (1 - 5)

Ctrl

+

Shift

+

\*

. 1

Fold Selection / Remove Region

Ctrl

+

.

**Running & Debugging Shortcuts** 

Run

Shift

+

F10

Choose Configuration and Run

Shift

+

Alt

+

F1



Ctrl Rerun Shift F10 Rerun With Focus in the Editor **Shift** F9 Debug **Choose Configuation** Shift Alt and Debug F8 Step Over F7 Step Into Shift **Smart Step Into Shift** F8 Step Out Shift Alt Force Step Over



Shift Alt Force Step Into Alt F9 Run to Cursor Ctrl Alt Force Run to Cursor **F7** Resume Program Shift F2 **Stop Program** Alt F8 **Evaluate Epression Quick Evaluate** Ctrl Alt **Epression** Ctrl F8 **Toggle Breakpoint** Ctrl Shift View Breakpoints



# General Keyboard Shortcuts

Close Active Tab	Ctrl	+	Shift	+	F4
Close Editor			Ctrl	+	F4
Edit Source				F4	
Escape				Esc	
Export to Text File			Alt	+	0
New			Alt	+	Ins
Save All			Ctrl	+	S
Select Next Tab			Alt	+	D
Select Previous Tab			Alt	+	



**Show Intention Action** 







Synchronize











View Source







#### Search Keyboard Shortcuts

Find

Ctrl

+



Replace

Ctrl

+

R

Search For Next/ Previous Occurance Shift

+

F3

Find Word at Caret

Ctrl

+



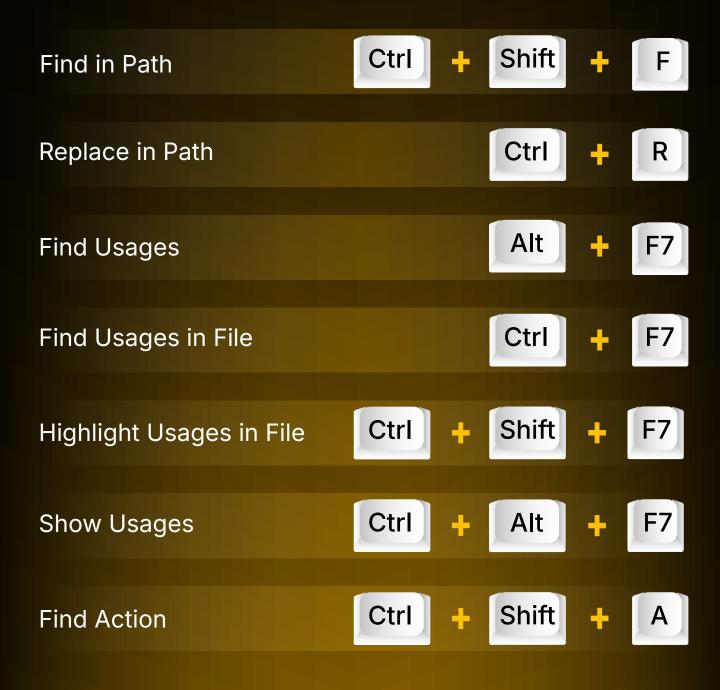
**Incremental Search** 

Ctrl



F





Navigation Between Bookmarks

Go to Bookmark < number > Ctrl + 1



Toogle Bookmark

Toogle Bookmark With Mnemonic

Ctrl + F11

Show Bookmarks Ctrl + F11

## **Navigation Between IDE Components**

Select Target

Alt + F1

Collapse All

Ctrl + 
Expand All

Ctrl + Tab

Edit Source

F4



**Open Tool Window** 

Alt

+

1

**Hide Active Window** 

Shift

+

Esc

Jump to Last Window

F12

#### Navigation in Source Code

File Structure Pop-up

Ctrl

+

F12

Select Target

Alt

+

F1

**Recent Files** 

Ctrl

+

E

Recently Changed Files

Ctrl

+

Shift

+

Ε

Type Hierarchy

Ctrl

+

Н

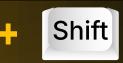


Ctrl Navigate to Class Ctrl Shift Navigate to File Ctrl Navigate to Recently Opened File Navigate to Recently Shift Ctrl Changed File Ctrl Navigate to Line Ctrl Navigate to Declaration Navigate to Ctrl Alt **Implementation** Navigate To Type Ctrl Shift Declaration Navigate to Super Method



Navigate to Text/ Test Subject







Navigate to Related Symbol











Navigate to Next Method







Navigate to Previous Method







Navigate to Opening Brace

Ctrl





**Navigate to Closing Brace** 

Ctrl





Back

Ctrl

Alt





Forward

Ctrl

Alt



Navigate to Previous Occurrence

Alt





Navigate to Next Occurrence









**Last Edit Location** 











Navigate to Next Highlighted Error

F12

Navigate to Previous Highlighted Error







Refactoring

**Change Method Signature** 

Ctrl





Rename

Shift





Move

F6

Сору

F5



Ctrl Alt Inline Alt Delete Safe Delete Ctrl Alt **Extract Field** Ctrl Alt **Extract Constant** Ctrl Alt **Extract Parameter** Ctrl Alt **Extract Variable** Ctrl Alt **Extract Method** 



# **Advance Editing**

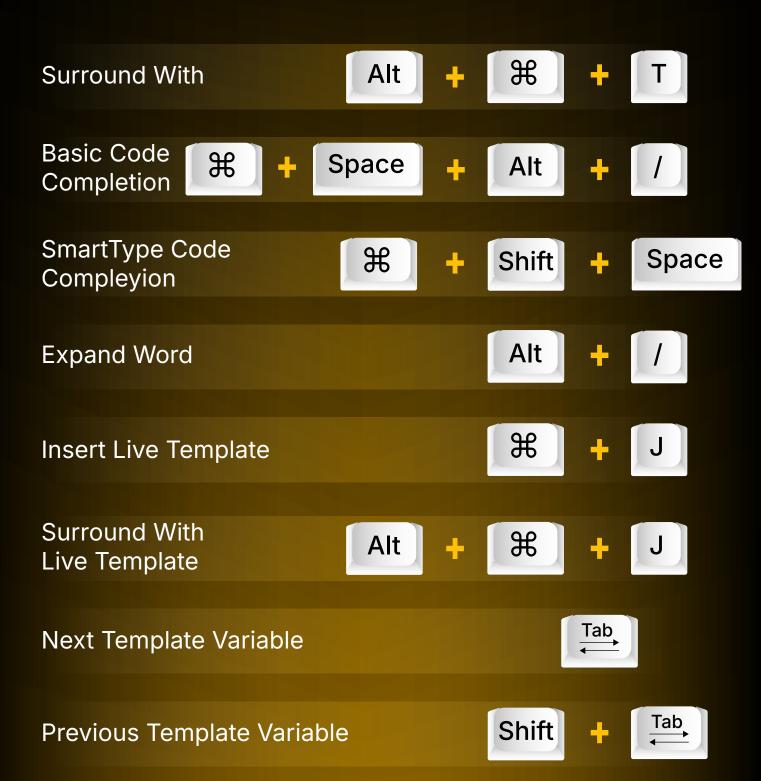


Comment With Line (	Comm	ent		$\mathbb{H}$	+	F4
Comment With Block Comment		H	+	Shift	+	
Quick Documentation	1			H	+	J
Pop-up Hector	Alt	+ Sh	nift	+	$\mathbb{H}$	J
Parameter Info				H	+	Р
Context Info		Alt	+	Shift	+	Q
Error Description				H	+	F1
External Documentat	ion			Shift	+	F1

Override Methods

Alt







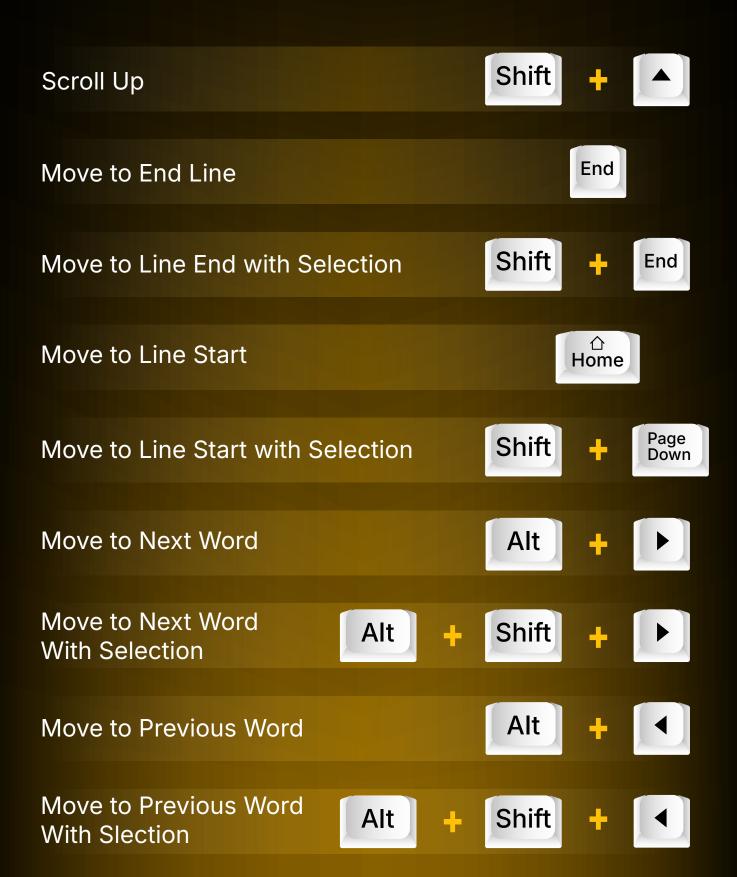
# **Basic Editing**

Undo			H	+	Z
Redo	H	+	Shift	+	Z
Cut			H	+	X
Сору			*	+	С
Paste			$\mathbb{H}$	+	V
Paste From History	H	+	Shift	+	V
Up					
Up With Selection			Shift	+	
Down					



**Shift Down With Selection** Shift Left/Right With Selection H Page Go to Page Top Up Go to Page Top Page Up  $\mathbb{H}$ Shift with Selection Page Page Down Down Page Down Page Shift Down With Selection **Page** Page Up Up Shift Page Page Up With Selection Up Scroll Down





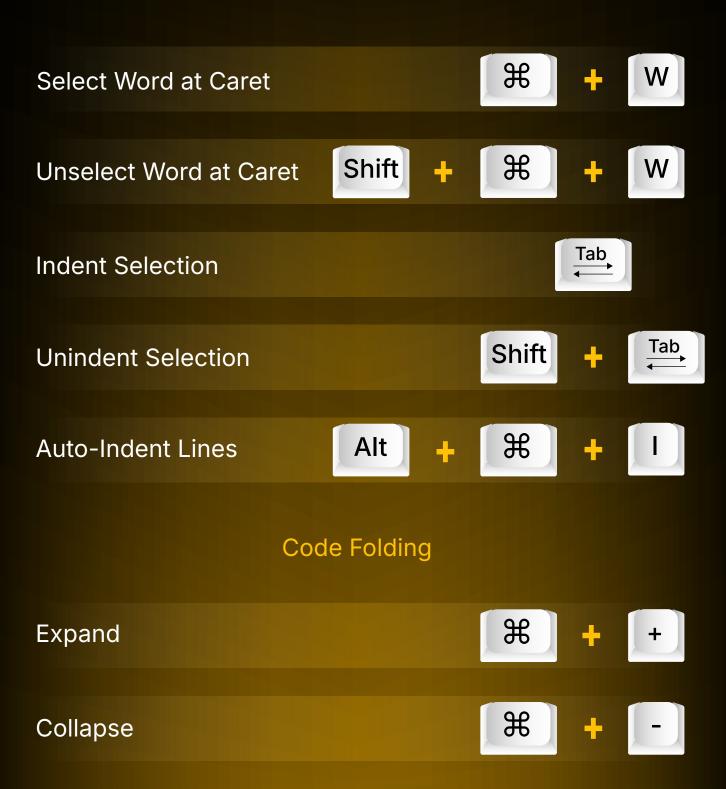


H End Move to Text End Move to Text End  $\mathbb{H}$ Shift **End** With Selection Home  $\mathfrak{H}$ Move to Text Start Move to Text Start Shift H Home With Slection H Select All H **Delete Line at Caret** Alt **Delete** Delete to Word End Back Space Alt Delete to Word Start  $\mathfrak{H}$ **Duplicate Line or Block** 



Shift  $\mathfrak{H}$ **Toggle Case** H Move to Code Block End Move to Code Block Shift H **End With Selection** H Move to Code Block Start Move to Code Block Start With Selection Shift Start New Line Start New Line Before Alt Shift Enter **Current One** H **Shift** Join Lines H Split Line

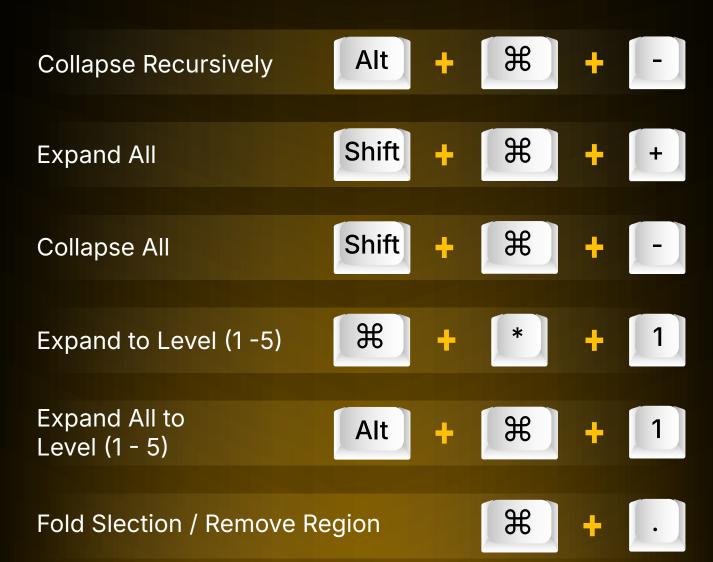




Alt

**Expand Recursively** 





#### Running and Debugging

Run

Choose Configuration & Run

Alt + Shift + F10



 $\mathfrak{H}$ F5 Rerun Shift F10 Rerun With Focus in the Editor Shift F9 Debug **Choose Configuration** Shift Alt F9 and Debug F8 Step Over Step Into Shift **Smart Step Into** Shift F8 Step Out Shift Alt F8 **Force Step Out** 



Alt F9 Run to Cursor  $\mathbb{H}$ Alt F9 Force Run To Cursor F9 Resume Program Shift F2 Stop Program Alt F8 **Evaluate Expression Quick Evaluate** Alt H F8 Expression H F8 **Toggle Breakpoint** Shift  $\mathbb{H}$ F8 View Breakpoints



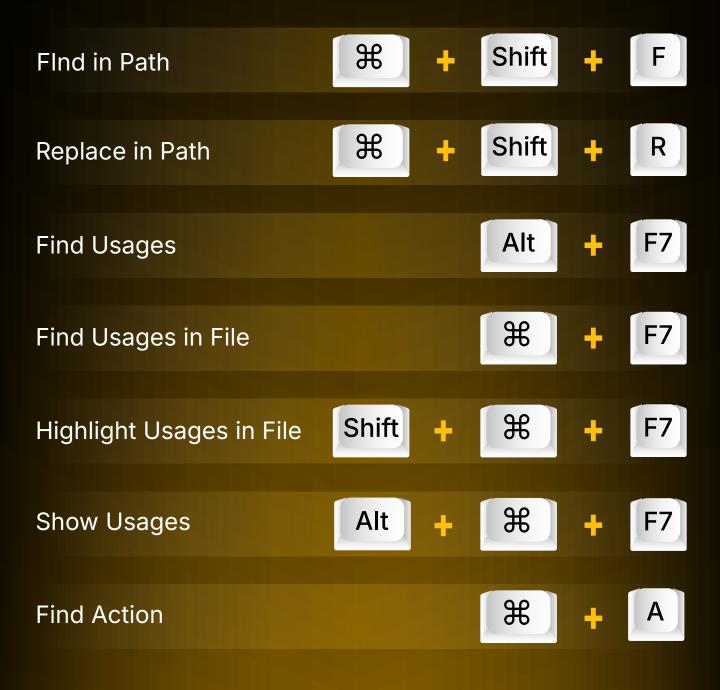
## General

Close Active Tab	Shift	+	器	+	F8
Close Editor			$\mathbb{H}$	+	F4
Edit Source				F4	
Escape				Esc	
Export to Text File			$\mathbb{H}$	+	0
New			H	+	N
Save All			$\mathbb{H}$	+	S
Select Next Tab			H	+	D
Select Previous Tab			$\mathbb{H}$	+	



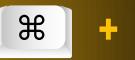
Alt **Show Intention Action** Alt Synchronize Enter  $\mathfrak{H}$ **View Source** Search Find Replace Shift Search for Next/Previous Occurrence H F3 Find Word at Caret  $\mathfrak{H}$ **Incremental Search** 





**Navigation Between Bookmarks** 

Go to Bookmark < numer >





Toggle Bookmark

Toggle Bookmark With Mnemonic

第 + F1

Show Bookmarks

Shift + F1

#### **Navigation Between IDE Components**

Select Target

Alt + F1

Collapse All

Expand All

Switcher

Edit Source

Alt + F1

# -



F11 **Open Tool Window**  $\mathfrak{H}$ **Hide Active Window** Shift Jump to Last Window Navigation in Source Code F12 File Structure Pop-up Select Target **Recent Files** Shift Recently Changed Files Type Hierarchy



Navigate to Class Shift H Navigate to File H Navigate to Recently Opened File Navigate to Recently Shift H Changed File Navigate to Line H **Navigate to Declaration** Navigate to Alt **Implimentation** Navigate to Type H Shift Declaration H Navigate to Super Method



Navigate to Test/ Test Subject



+



+



Navigate to Related Symbol

Alt

+

 $\mathbb{H}$ 



Navigate to Next Method



+



Navigate to Previous Method



+



Navigate to Opening Brace



٠



**Navigate to Closing Brace** 



+



Back

Alt

+

 $\mathfrak{H}$ 

+



Forward

Alt

÷

 $\mathbb{H}$ 

+



Navigate to Previous
Occurrence

Alt

+

H

+



Navigate to Next Occurrence











**Last Edit Location** 



+







Navigate to Previous Highlighted Error

F2

#### Refactoring

**Change Method Signature** 

 $\mathbb{H}$ 

+

F6

Rename

Shift

+

F6

Move

F6

Copy

F5

Inline

Alt

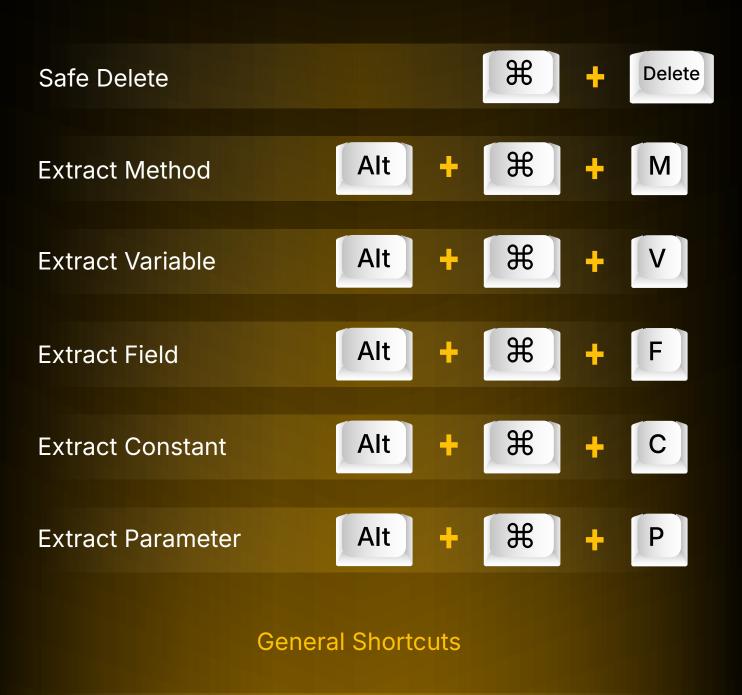
+

 $\mathbb{H}$ 

+

Delete

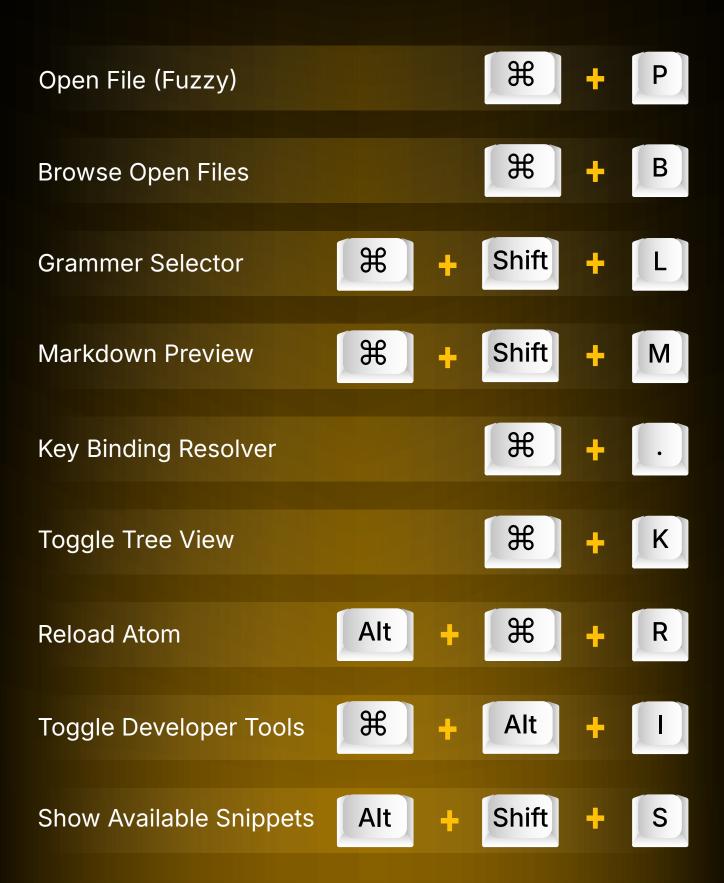




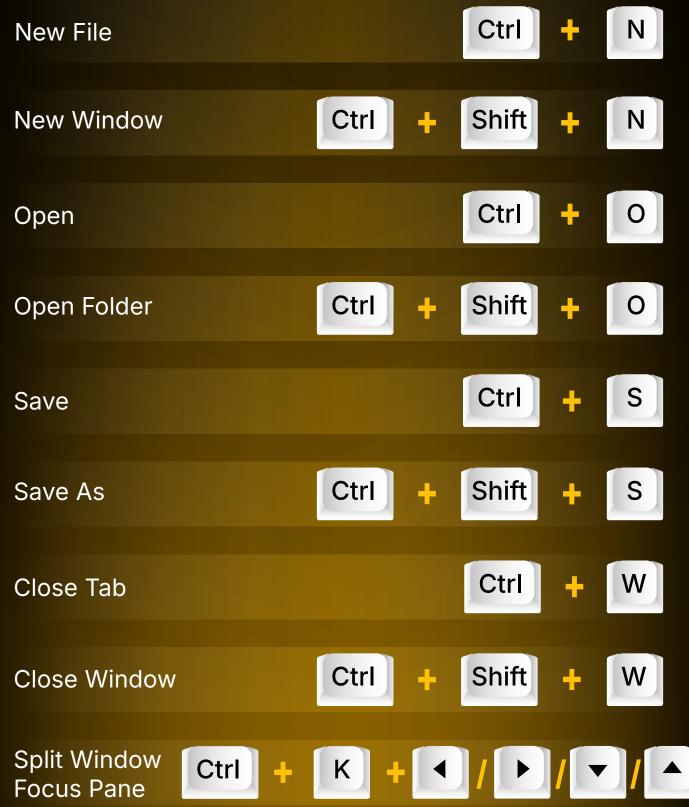
Preference/Setting # ,

Comand Palette Shift + # P





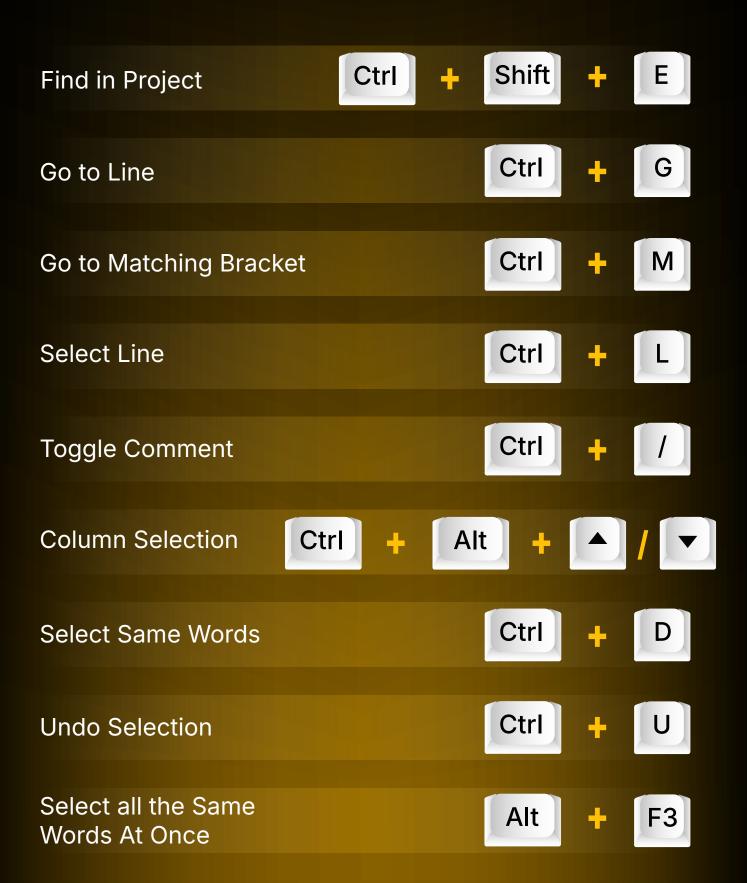






F11 Toggle Full Screen **Editing Shortcuts** Shift Ctrl **Duplicate** Lines Shift Ctrl **Delete Lines** Ctrl Move Line Up Ctrl Move Line Down Ctrl Find/Replace F3 **Find Next** Shift **Find Previous** 







Show Symbol Palette

Ctrl + R

Shaw Auto-Completions

Ctrl + Space

Fold/Unfold Sections of Code

Ctrl + Shift

#### Various Packages

Expand Abbreviation

Ctrl + E

Git Plus Menu

Ctrl + Shift + H

Open Terminal

Alt + Shift + T

Open Projects

Alt + Shift + P



## General

Preference/Settings		Ctrl	+	
Command Palette	Ctrl +	Shift	+	P
Open File (Fuzzy)		Ctrl	+	P
Browse Open Files		Ctrl	+	В
Grammer Selector	Ctrl +	Shift	+	L
Markdown Preview	Ctrl +	Shift	+	M
Key Binding Resolver		Ctrl	+	
Toggle Tree View		Ctrl	+	K
Reload Atom	Ctrl +	Alt	+	L



Open Link Ctrl + Shift + O

Toggle Developer Tools Alt + Ctrl + I

#### Windows Management

New File

Shift + Shift + N

Open

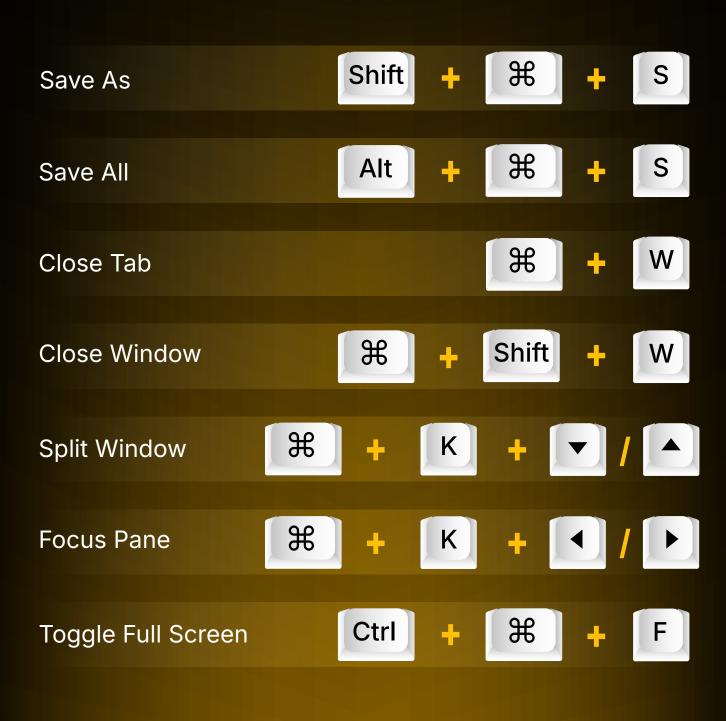
Open Save

New File

Shift + Shift + O

Save





## **Editting Shortcuts**

Duplicate Lines Shift + 第 中 D







Select Line H **Toggle Comment** Shift Ctrl **Coloumn Selection** Select Same Words **Undo Selection** Select All The Same Ctrl Words At Once **Show Symbols Palette**  $\mathfrak{H}$ **Space Show Auto-Completions** 



#### **Editing**

Fold/Unfold Selection of Code

Option

+

 $\mathbb{H}$ 

#### Various Packages

Block Travel Up/Down

Alt

+



Beautify

Ctrl

+

Alt

+

В

**Expand Abreviation** 

 $\mathbb{H}$ 

+

Shift

ŧ.

Ε

**Incremental Search** 

 $\mathbb{H}$ 

+

I

Git Plus Menu

Shift

+

 $\mathbb{H}$ 

+

Н

Jumpy

Shift

+



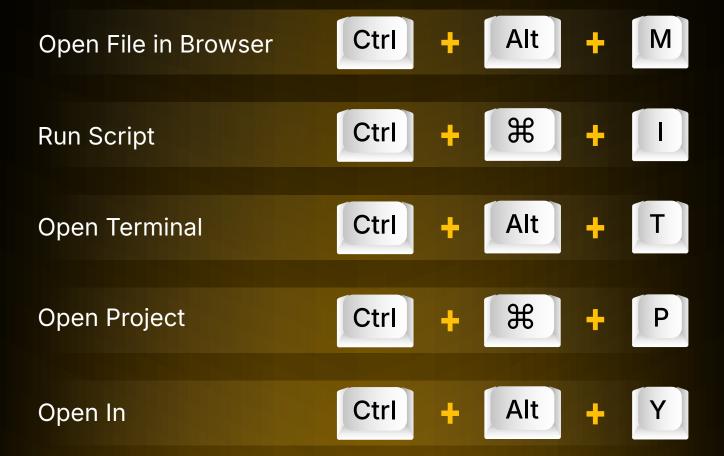
Minimap Toggle

Ctrl

+

M





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