Tips & tricks for Visual Studio 2019

# Common keyboard shortcuts

**F5** → run your program

**Ctrl + F5** → run your program with disable debugger

**Ctrl + Q** → find everything you need in Visual Studio (setting, projects, …)

**Ctrl + E,V** → duplicate line of code

**Ctrl + K,C** → *comment* selected line

**Ctrl + K,U** → *uncomment* selected line

**Shift + Alt + =** → expand selection

**Shift + Alt + -** → contract selection

**Alt + Enter or Ctrl + .** → fixed code errors inline

**Shift + Alt + Enter** → full screen view (on, off)

**Ctrl + M,M** → collapse or expand block of code

**Alt + ↑** or **↓** → move your code or block of your code up or down

**Ctrl + R,R** → refractor rename command, rename all the references to the variable

## Bookmarks keyboard shortcuts

**Ctrl + K,W** → open bookmarks window

**Ctrl + K,K** → place bookmark

**Ctrl + K,P** → move to the previous bookmark

**Ctrl + K,N** → move to the next bookmark

**Ctrl + K,L** → delete all bookmarks in all files

**Ctrl + Shift + K, Ctrl + Shift + P** → move to the previous bookmark in the current Folder

**Ctrl + Shift + K, Ctrl + Shift + N** → move to the next bookmark in the current Folder

(Last two shortcuts are weird probably better use icons for these actions.)

# Code snippets

Just typing name (or shortcut) snippet and then double press Tab button.

**ctor** → don’t need manually type the name of a class for the constructor method

**cw** → create Console.WriteLine();

**for** → for loop (increments the loop variable after each iteration)

**forr** → reverse for loop (decrements the loop variable after each iteration)

[List of all default snippets](https://docs.microsoft.com/en-us/visualstudio/ide/visual-csharp-code-snippets?view=vs-2019)

[Instruction how create own snippets](https://docs.microsoft.com/en-us/visualstudio/ide/walkthrough-creating-a-code-snippet?view=vs-2019)

# Toolbox

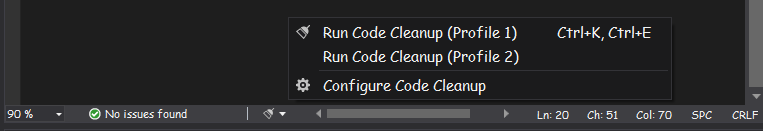
If you don’t see Toolbox bookmark in your Visual Studio press **Ctrl + Alt + X**.

Just select some code and drag it into the Toolbox because [Toolbox saving your time](https://blogs.msdn.microsoft.com/zainnab/2013/07/11/visual-studio-2013-drag-and-drop-code-onto-the-toolbox/) when you have code that you use often in multiple projects.

# Code cleanup

**Ctrl + K,E** → if you don’t have installed [Productivity Power Tool](https://marketplace.visualstudio.com/items?itemName=VisualStudioPlatformTeam.ProductivityPowerPack2017) this shortcut run code cleanup (of course this shortcut works even if you have installed this tool but you don’t have to use it when you set up code cleanup when saving)

You can configure your code cleanup



# Set up Productivity Power tool

You can download this extensions here: [Productivity Power Tool](https://marketplace.visualstudio.com/items?itemName=VisualStudioPlatformTeam.ProductivityPowerPack2017).

After installation go to Tools and select Options choose Productivity Power Tools option then PowerCommands and in section General check *Format document on save* and *Remove and Sort Usings on save*.

# Others

Visual Studio has many extensions see [this](https://marketplace.visualstudio.com/search?target=VS&category=All%20categories&vsVersion=vs2019&sortBy=Installs).

You can even make your [own color theme](https://marketplace.visualstudio.com/items?itemName=ms-madsk.ColorThemeDesigner) for Visual Studio or use extension for [better comments](https://marketplace.visualstudio.com/items?itemName=OmarRwemi.BetterComments).