

All about IDES

- **Text/Code Editor:** Code editors are the lightweight tool that allows you to write and edit the code with some features such as syntax highlighting and code formatting. It provided fewer features than IDE.
- **In simple words ides helps to create projects in simple way by providing different shortcuts highlighting errors, indentation errors in python etc.**
- **Integrated Development Environment (IDE):** IDEs are full-fledged environment which provide all the essential tools needed for software development. It just doesn't handle the code (for example, write, edit, syntax highlighting and auto-completion) but also provides other features such as debugging, execution, testing, and code formatting that helps programmers.



Let's start with some overview of the best code editor based on certain terms...

What is Your Level?

- **Beginner** — IDLE (or Online Python Editors) is perfect choice for the first steps in python language. PyCharm is also good but takes the help of some experienced person while using this.
- **Intermediate** — PyCharm, Sublime, Atom, Vs Code.
- **Advanced** — PyCharm, Vim, Emacs, Sublime, Atom, Vs Code.

What's Your End Goal?

- **Web development** — PyCharm Professional, VS Code
- **Data Science** — Spyder, Jupyter Notebook, PyCharm Professional
- **Scripting** — Sublime, Atom, PyCharm Community, Eclipse + PyDev
- **QA** — Sublime, Atom, PyCharm Community, Jupyter Notebook

What is Your Environment/OS?

- **Linux, macOS** — PyCharm, Sublime, Atom, Vim, Jupyter
- **Windows** — Sublime, VS Code, Eclipse + PyDev, PyCharm
- **Multiple/mixed OS** — PyCharm, Sublime, Atom

Which Hardware Do You Have?

- **Bad** — IDLE, Atom, Sublime, Online Editor
- **Good** — PyCharm, VS Code, Eclipse + PyDev

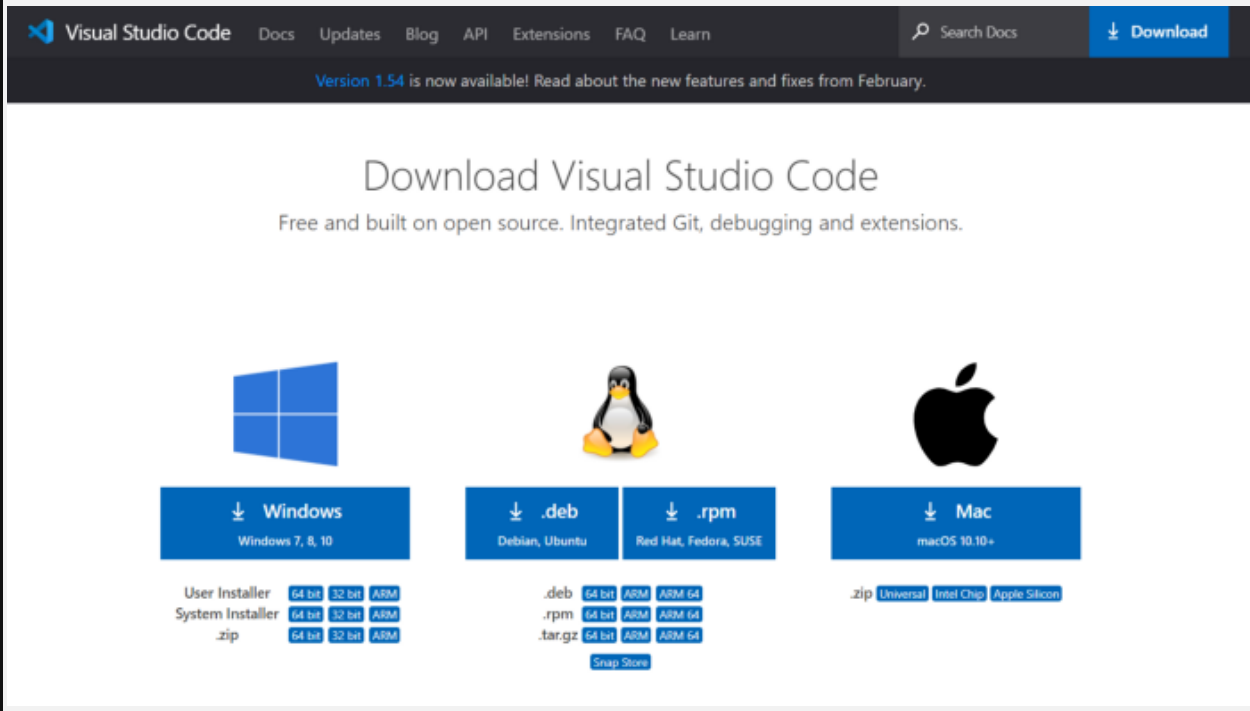
Download the executable file from the [link](#) below.

Visual Studio Code - Code Editing. Redefined

Visual Studio Code is a code editor redefined and optimized for building and debugging modern web and cloud...

code.visualstudio.com

Click the option Download.



Double click the downloaded file.

Now a dialogue box appears.

Select I accept the agreement

Then select Next

License Agreement

Please read the following important information before continuing.



Please read the following License Agreement. You must accept the terms of this agreement before continuing with the installation.

This license applies to the Visual Studio Code product. Source Code for Visual Studio Code is available at <https://github.com/Microsoft/vscode> under the MIT license agreement at <https://github.com/microsoft/vscode/blob/master/LICENSE.txt>. Additional license information can be found in our FAQ at <https://code.visualstudio.com/docs/supporting/faq>.

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☒ I accept the agreement

☐ I do not accept the agreement

Next >

Cancel

Select a folder by clicking Browse or just follow the default path.

Then select `Next`.

Setup - Microsoft Visual Studio Code (User)

Select Start Menu Folder

Where should Setup place the program's shortcuts?

Setup will create the program's shortcuts in the following Start Menu folder.

To continue, click Next. If you would like to select a different folder, click Browse.

Visual Studio Code

Browse...

☐ Don't create a Start Menu folder

< Back Next > Cancel

Select the required options as per your need by clicking in the checkbox.

Then select Next.

Select Additional Tasks

Which additional tasks should be performed?



Select the additional tasks you would like Setup to perform while installing Visual Studio Code, then click Next.

Additional icons:

☒ Create a desktop icon

Other:

☐ Add "Open with Code" action to Windows Explorer file context menu

☐ Add "Open with Code" action to Windows Explorer directory context menu

☐ Register Code as an editor for supported file types

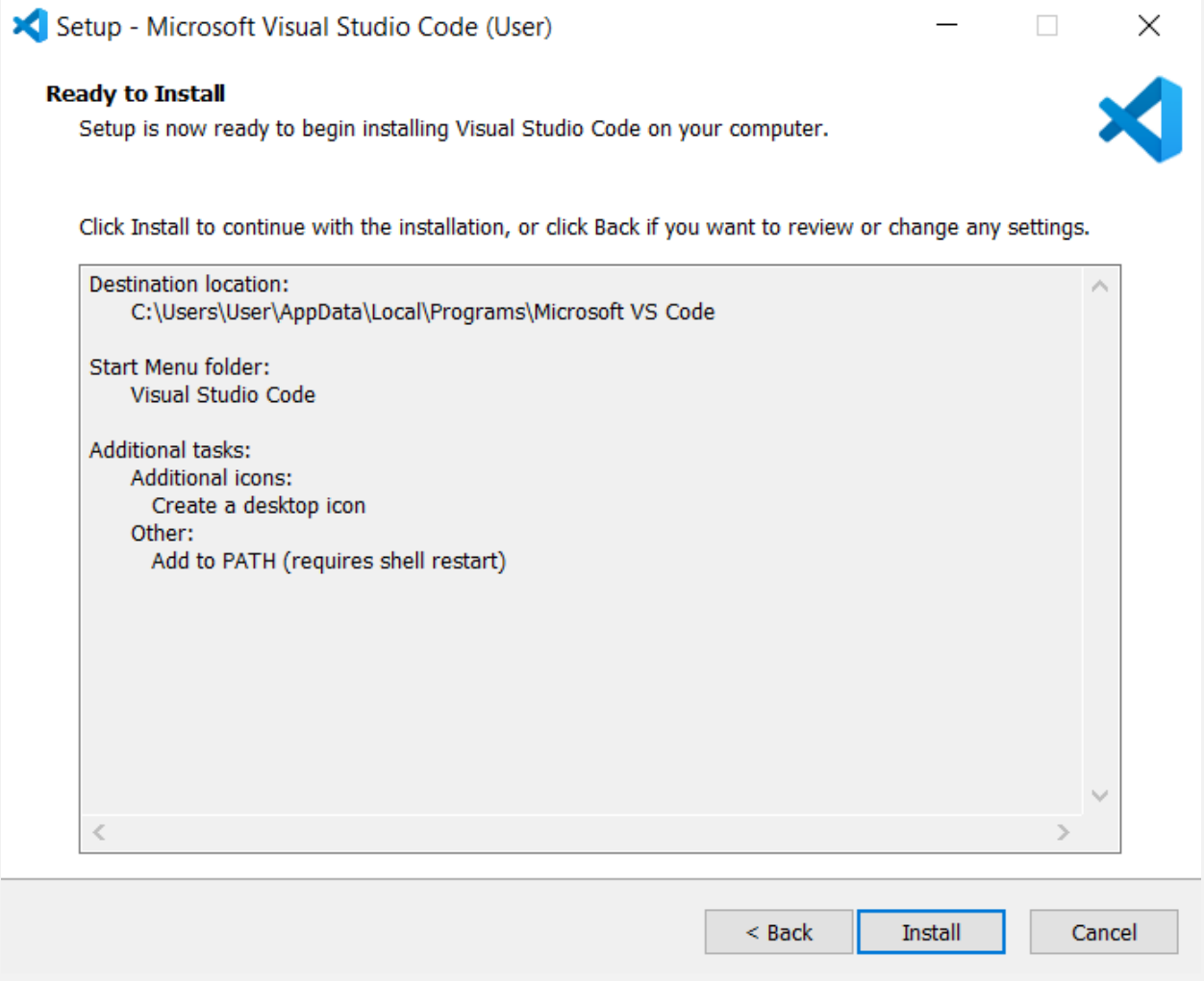
☒ Add to PATH (requires shell restart)

< Back

Next >

Cancel

Select Install.



Wait a bit while it gets installed (The green color fills the bar).

Setup - Microsoft Visual Studio Code (User)

Installing

Please wait while Setup installs Visual Studio Code on your computer.



Extracting files...

C:\Users\User\AppData\Local\Programs\Microsoft VS Code\Code.exe



Cancel

Click Finish to exit Setup. Check in the check box to launch VS Code right now.

Completing the Visual Studio Code Setup Wizard

Setup has finished installing Visual Studio Code on your computer. The application may be launched by selecting the installed shortcuts.

Click Finish to exit Setup.



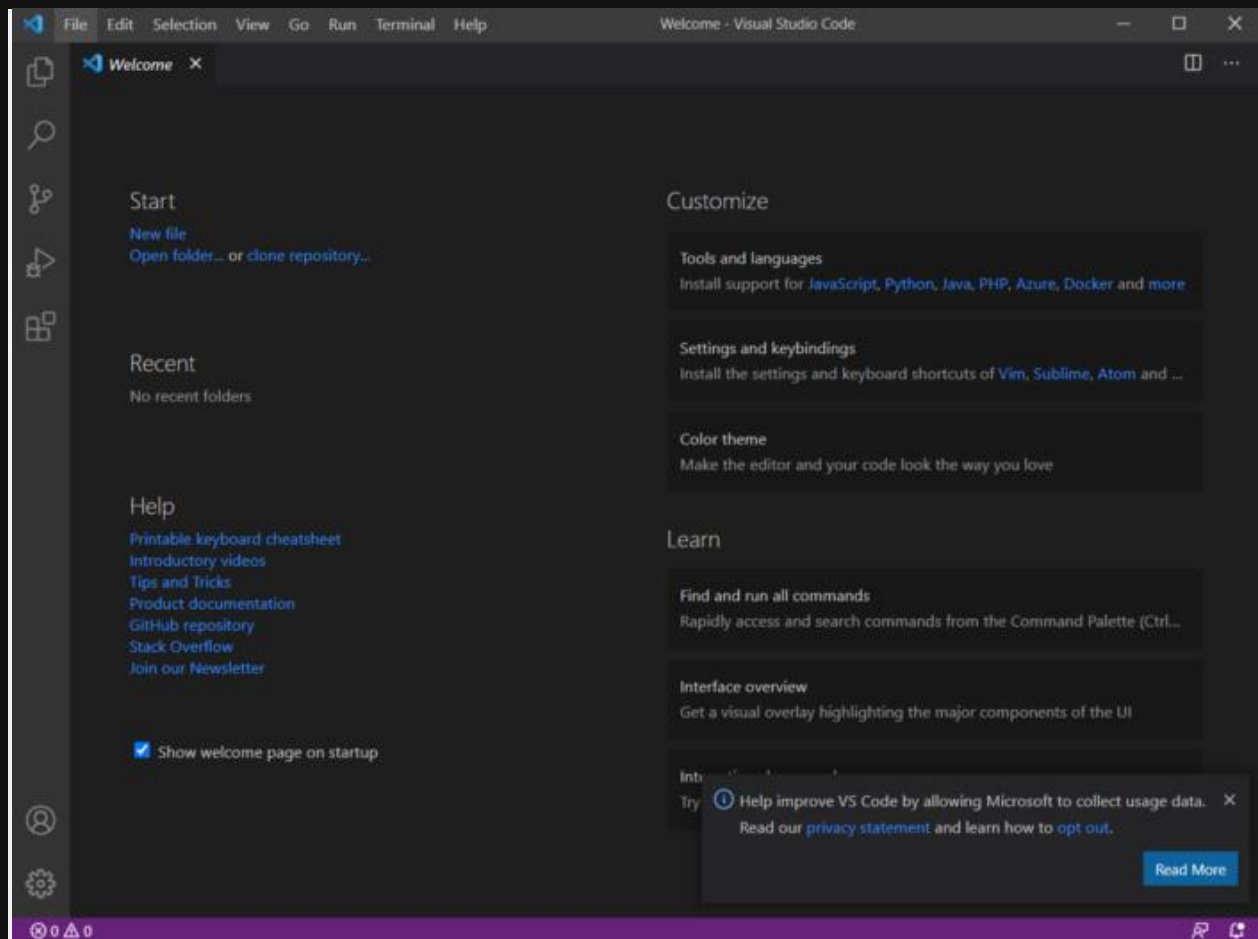
☒ Launch Visual Studio Code

Finish

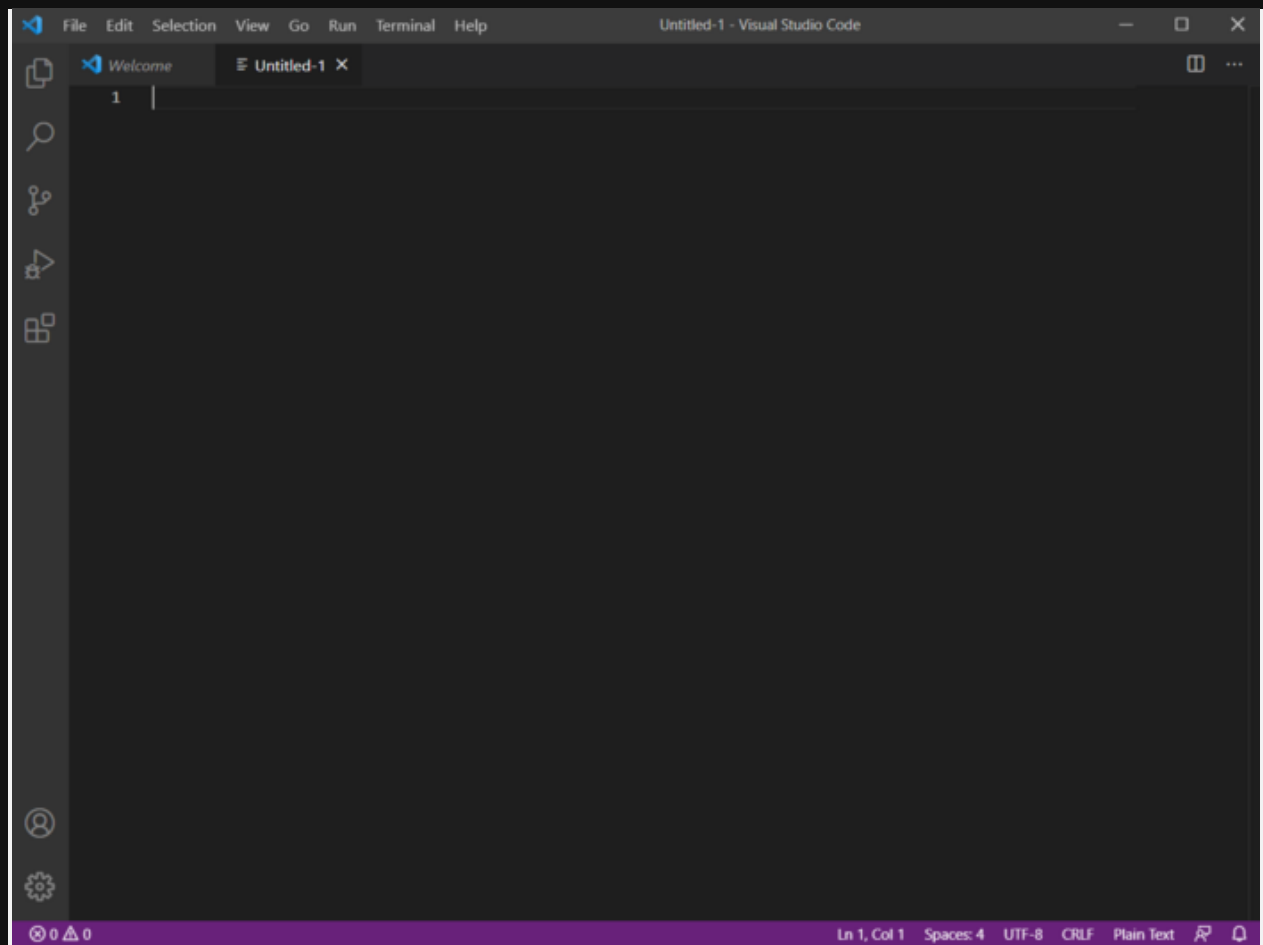
Congratulation! VS Code got installed in your system successfully.

Now a new dialogue box appears. This is VS Code IDE.

Click New file to open a new file.



All done!



Happy Coding!