

Python Installation: -

NOTE: Install python if and only if you do not have python installed on your pc.

1)Open a browser, and type in

<https://www.python.org/downloads/release/python-31010/> in the address bar.

2)Scroll down and choose appropriate download option (Click on links under column named **Version**) for your OS under 'Files' section of the page.

And now for something completely different

Granular convection is a phenomenon where granular material subjected to shaking or vibration will exhibit circulation patterns similar to types of fluid convection. It is sometimes described as the Brazil nut effect when the largest particles end up on the surface of a granular material containing a mixture of variously sized objects; this derives from the example of a typical container of mixed nuts, where the largest will be Brazil nuts. The phenomenon is also known as the mouse effect since it is seen in packets of instant cereal containing particles of different sizes but similar densities, such as mouse mits. Under experimental conditions, granular convection of variously sized particles has been observed forming convection cells similar to fluid motion.

Full Changelog

Files

Version	Operating System	Description	MD5 Sum	File Size	GPG	Signature	
Unpacked source tarball	Source release		6c0b644031452d9f852f6a48004c346	2607129	SG	CRT	SG
XZ compressed source tarball	Source release		1f6b5d8715be7f95e53700803e4e444	19427026	SG	CRT	SG
macOS 64-bit universal2 installer	macOS	for macOS 10.9 and later	8026347246c7993d8612082c844e83	42009448	SG	CRT	SG
Windows executable package (32-bit)	Windows		a681a7f96242fe55b4d96a79e15e5306	3663448	SG	CRT	SG
Windows executable package (64-bit)	Windows		713e3e7e02a8030a6254961540a144	66259612	SG	CRT	SG
Windows help file	Windows		4488401ade40e7612564023135296f	3592521	SG	CRT	SG
Windows installer (32-bit)	Windows		a81181687bc2575c10a3f8d31d8a000	27839200	SG	CRT	SG
Windows installer (64-bit)	Windows	Recommended	871c797853c6a889613a8396c913440	29809004	SG	CRT	SG

3)An 'exe' file named 'python-3.10.10-amd64' will be downloaded in 'Downloads' directory. Run the exe file, click on 'Yes' if asked for administrator permissions.

4) Check the option '**Add Python.exe to PATH**', click on 'Install Now'.



VS Code Installation: -

NOTE: Install VS code if and only if you do not have python installed on your pc.

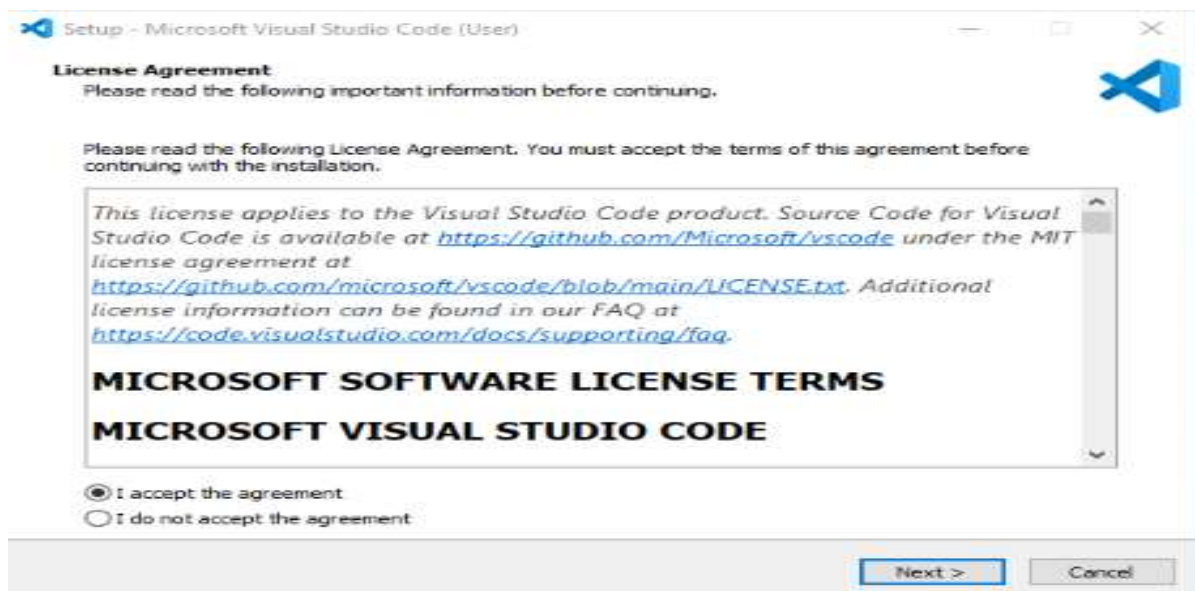
1)Open a browser and type in <https://code.visualstudio.com/Download> in the address bar.



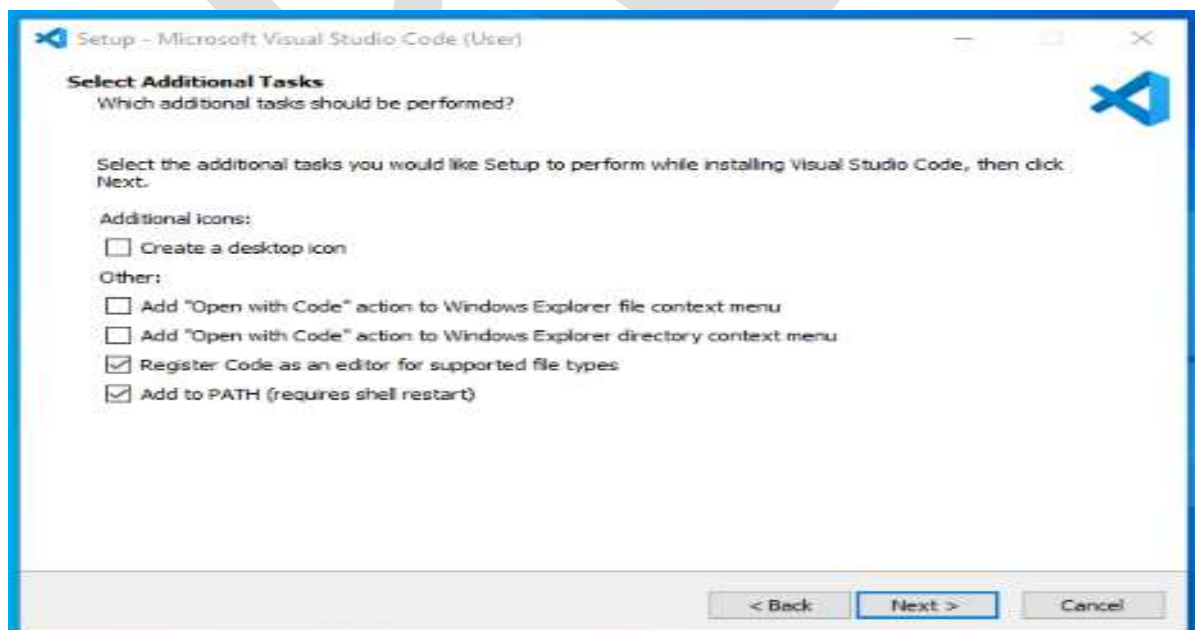
2) Choose appropriate download option for your OS.

3) When the download finishes, click on the exe file to start the installation process.

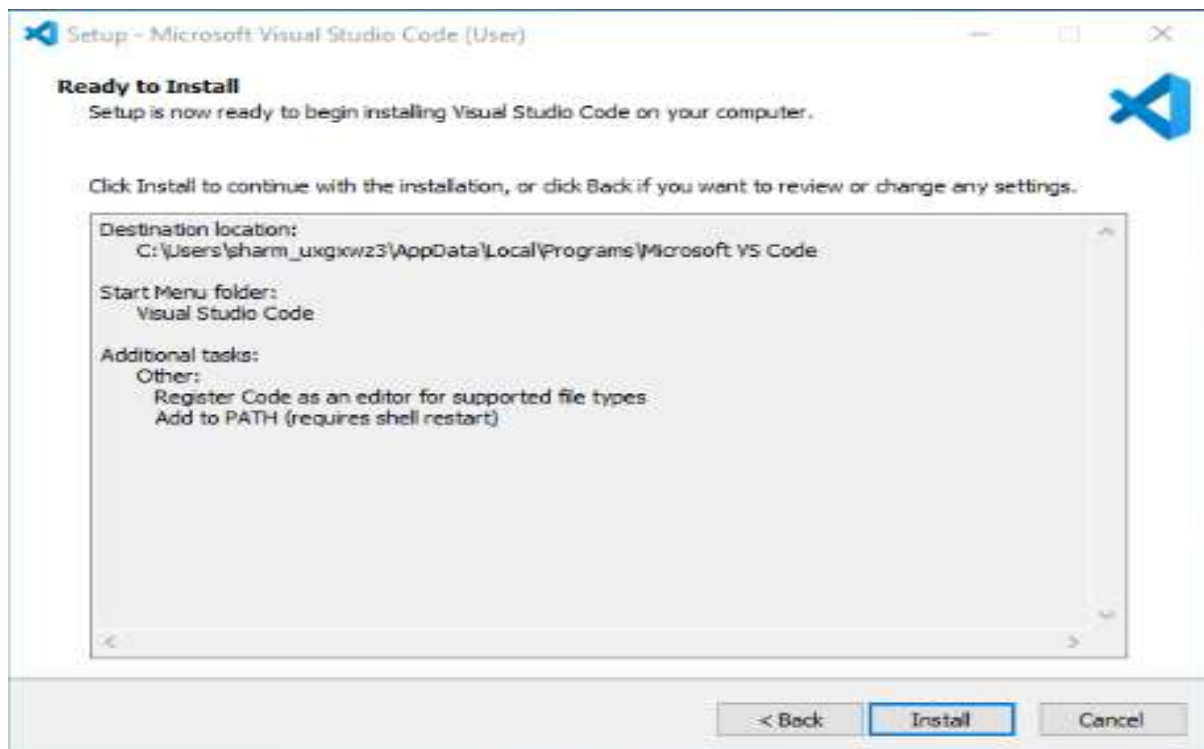
4) After the installer opens, it will ask you to accept terms and conditions, click on 'I Accept the agreement' and click on 'Next' button.



5) Choose the location data for running visual studio code. It will ask you for browsing location and then click on 'Next'.



6) Then it will ask for beginning the installation setup. Click on 'Install' button.



7)After the installation setup simply click on 'Finish'.