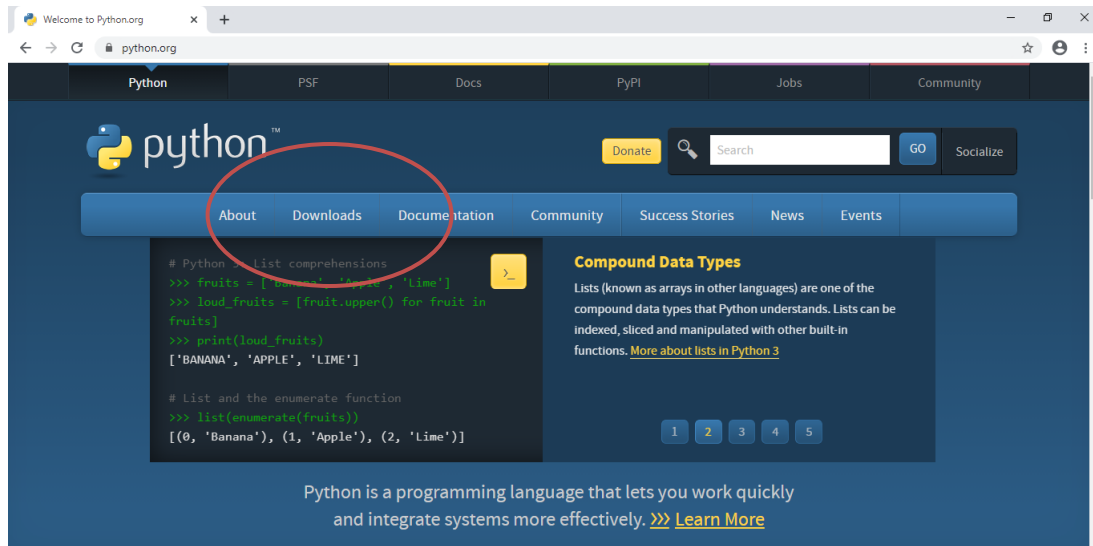


Installing Python on a Windows Machine

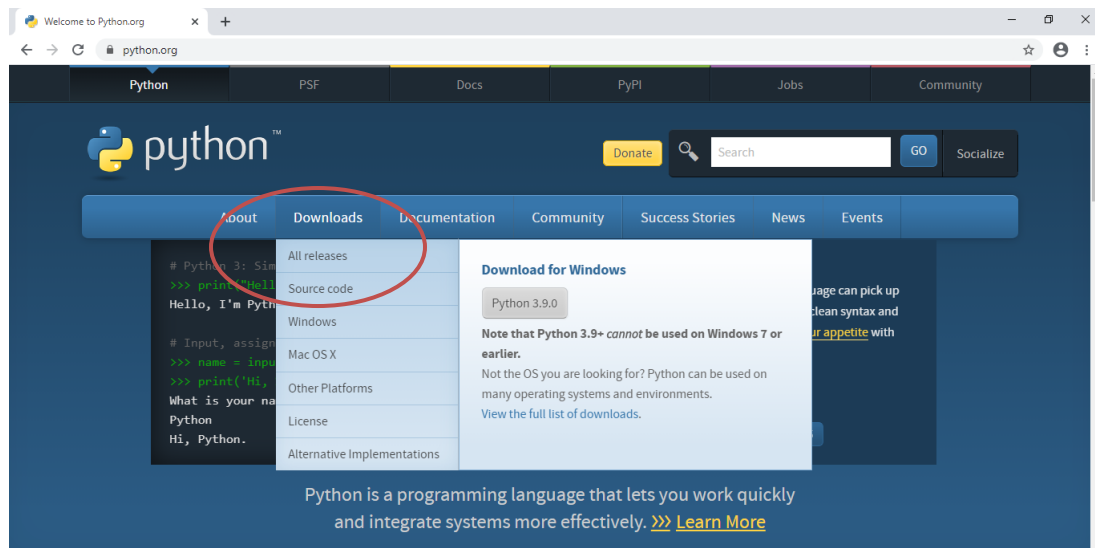
Step 1. Go to Python.org website.

Using your web browser, go to Python.org. When on that page, click on Downloads



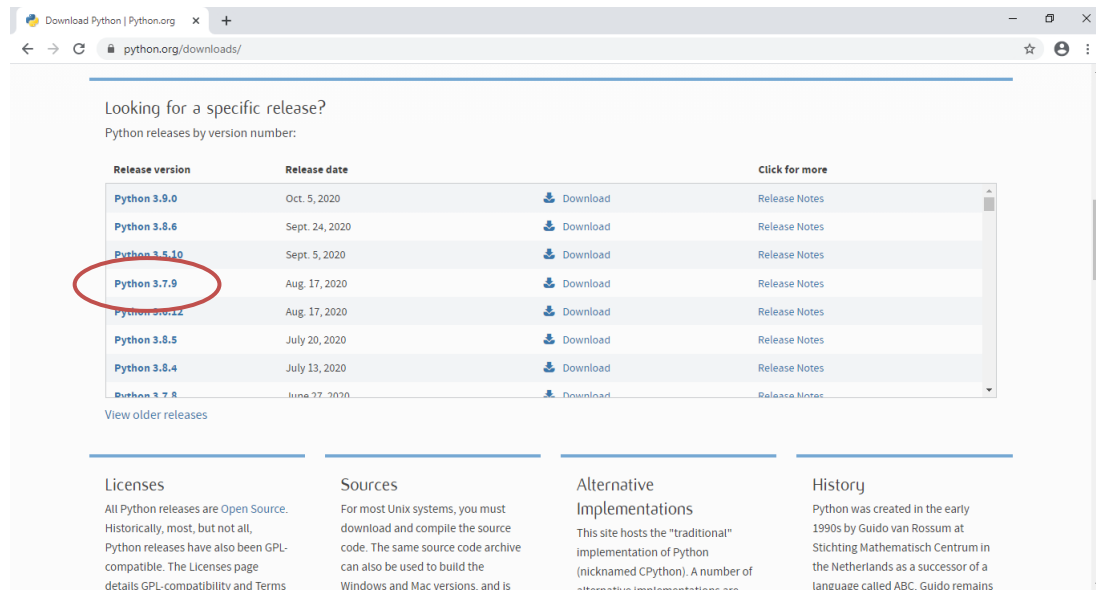
Step 2. Navigate to All releases page.

On this page, the computer you are using has been recognized as a Windows-based machine, and there is a download button for the latest release of Python for the Windows operating system. However, for compatibility with the code examples of the book, you want to download Python 3.7, so click on the “All releases” selection (circled below).



Step 3. Select Python Release 3.7.9.

Scroll down to see the list of Python Releases for Windows and click to download Python 3.7.9.



Looking for a specific release?
Python releases by version number:

Release version	Release date		Click for more
Python 3.9.0	Oct. 5, 2020	Download	Release Notes
Python 3.8.6	Sept. 24, 2020	Download	Release Notes
Python 3.8.5	Sept. 5, 2020	Download	Release Notes
Python 3.7.9	Aug. 17, 2020	Download	Release Notes
Python 3.8.2	Aug. 17, 2020	Download	Release Notes
Python 3.8.5	July 20, 2020	Download	Release Notes
Python 3.8.4	July 13, 2020	Download	Release Notes
Python 3.7.8	June 27, 2020	Download	Release Notes

[View older releases](#)

Licenses

All Python releases are Open Source. Historically, most, but not all, Python releases have also been GPL-compatible. The Licenses page details GPL-compatibility and Terms

Sources

For most Unix systems, you must download and compile the source code. The same source code archive can also be used to build the Windows and Mac versions, and is

Alternative Implementations

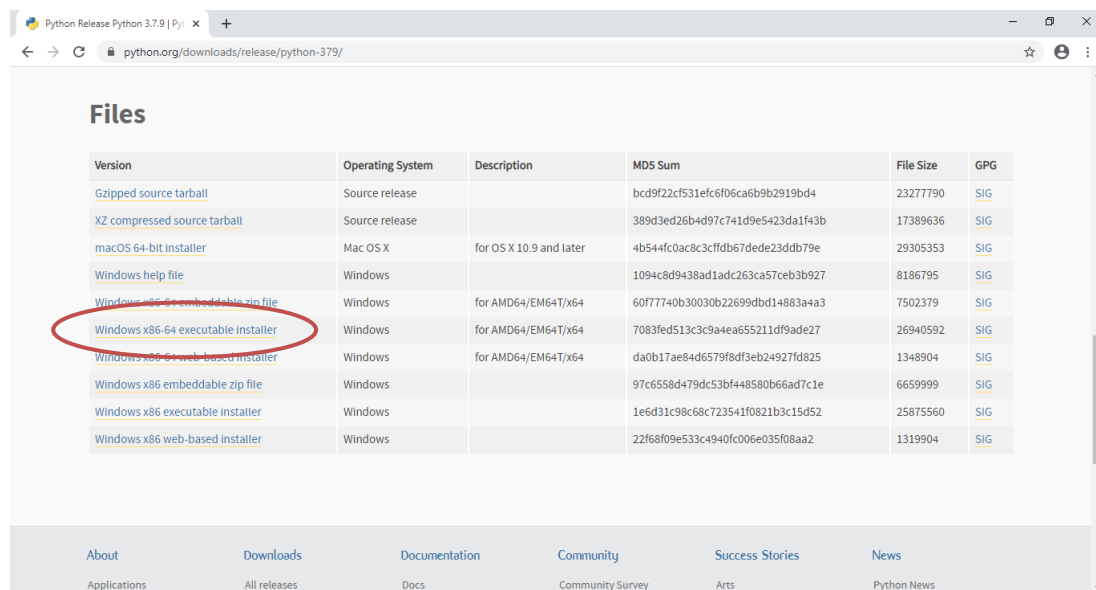
This site hosts the "traditional" implementation of Python (nicknamed CPython). A number of alternative implementations are

History

Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum in the Netherlands as a successor of a language called ABC. Guido remains

Step 4. Select the file for installing Python 3.7.

Scroll down to see the list of files that can be used for installing Python 3.7. Circled below is the file for the executable installer for the 64-bit version. Further down the list is "Windows x86 executable installer", which is the 32-bit version.



Files

Version	Operating System	Description	MD5 Sum	File Size	GPG
Gzipped source tarball	Source release		bcd9f22cf531efc6f06ca6b9b2919bd4	23277790	SIG
XZ compressed source tarball	Source release		389d3ed26b4d97c741d9e5423da1f43b	17389636	SIG
macOS 64-bit installer	Mac OS X	for OS X 10.9 and later	4b544fc0ac8c3c9a4e655211df9ade27	29305353	SIG
Windows help file	Windows		1094c8d9438ad1adc263ca57ceb3b927	8186795	SIG
Windows x86-64 embeddable zip file	Windows	for AMD64/EM64T/x64	60f77740b30030b22699dbd14883a4a3	7502379	SIG
Windows x86-64 executable installer	Windows	for AMD64/EM64T/x64	7083fed513c3c9a4e655211df9ade27	26940592	SIG
Windows x86-64 web-based installer	Windows	for AMD64/EM64T/x64	da0b17ae84d6579f8df3eb24927fd825	1348904	SIG
Windows x86 embeddable zip file	Windows		97c6558d479dc53bf44850b66ad7c1e	6659999	SIG
Windows x86 executable installer	Windows		1e6d31c98c68c723541f0821b3c15d52	25875560	SIG
Windows x86 web-based installer	Windows		22f68f09e533c4940fc006e035f08aa2	1319904	SIG

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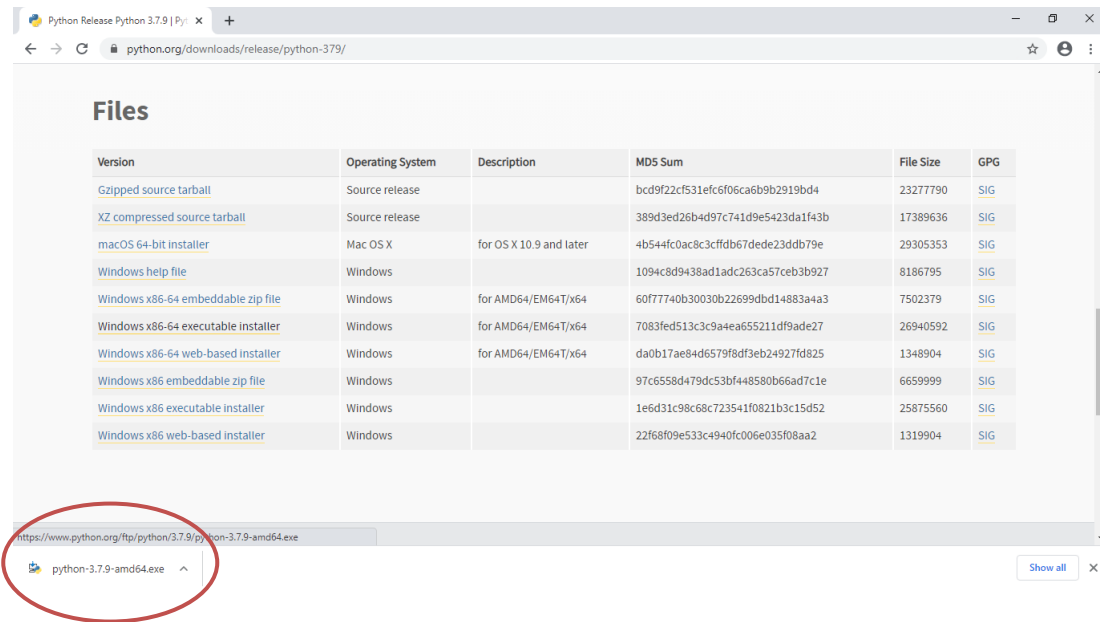
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Step 5. Downloading the Python 3.7 executable installer.

When you click on the selection “Windows x86-64 executable installer”, the executable file will download, and the following screen illustrates that the download of the file used to install Python 3.7 is finished:



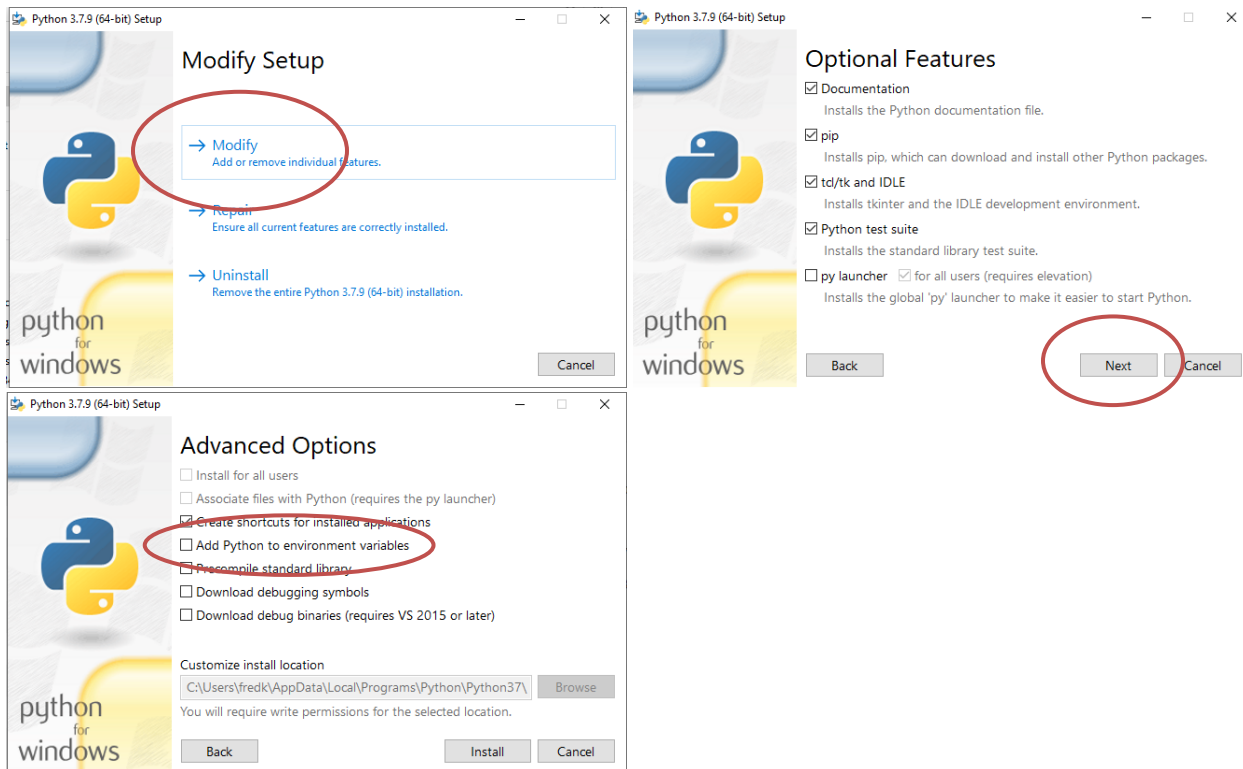
Step 6. Specify to add Python 3.7 to PATH and then install.

When you click on that file, a screen appears to install Python. **NOTE: you should check the box to add Python 3.7 to the Path.** This is important for when we install packages (such as Pandas). Click on that box and then click on “Install Now”.



Step 6a. Add Python 3.7 to Environmental Variables (If you did not click on Add to PATH when you installed).

If you have already installed Python, but did not add Python to the path, you can modify the setup (go to your download folder and execute the Python installation file again), and select “Add Python to environment variables” in the advanced options:



Step 7. Open IDLE

Open IDLE by clicking on Start (The window icon on the bottom left of the screen) and scroll down through the program list to Python 3.7 (Note that in my window I also have Python 3.8 installed). Select the IDLE program to use Python 3.7 on your Windows machine.

