

Python Installation: A Quick Setup Guide

This guide gives you a detailed overview on how to install Python and Atom Editor in your computer. Follow each given step carefully to bypass any confusions in the middle of the installation.

Python

The Python programming language is freely available and makes solving a computer problem almost as easy as writing out your thoughts about the solution. You can create both command-line and cross-platform GUI applications with Python. The code can be written once and run on almost any computer without needing to change the program.

Installation in Windows

Python is universal language and works with most of the available Operating Systems like Windows, Linux, and Mac. For this class, we will run Python in **Windows 10** Operating system. There are two types of Systems: **32-bit** and **64-bit**.

Almost all of Windows 10 installations are 64-bit. But, Windows 7, 8 and 8.1 have both 32-bit and 64-bit type installations. Correct version needs to be chosen for each type of installation.

Step 1: Check the installation type of Windows – Whether it is 64-bit or 32-bit

To check the System type:

 **Go to Search** option beside the **Start (Window)** button, and type **System** to click System Type

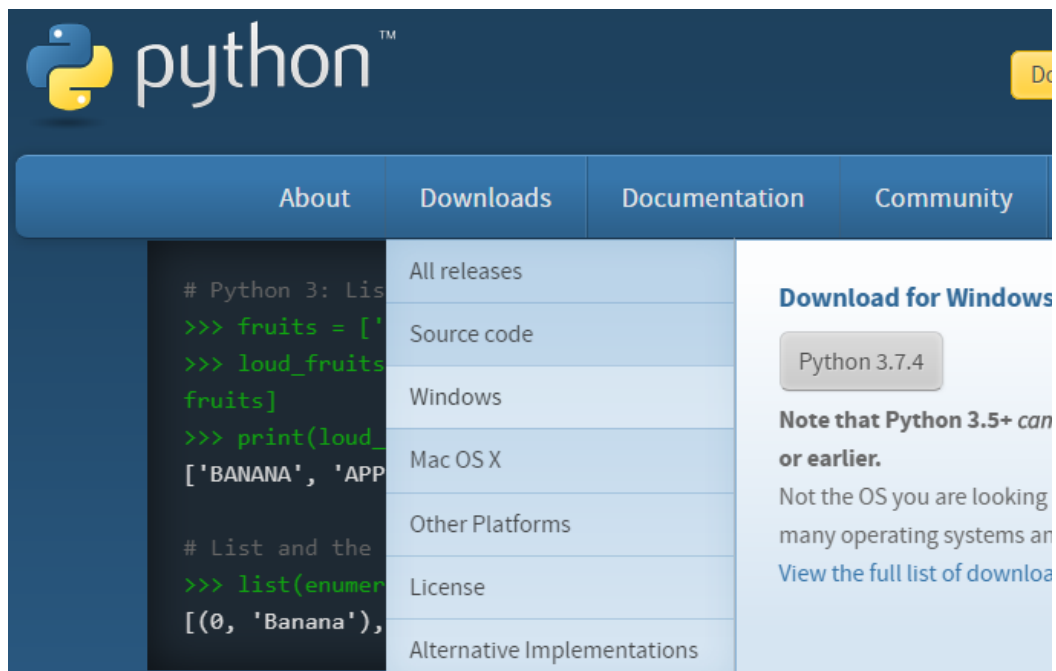
File Edit View Help		
System Summary		
[-] Hardware Resources		
[-] Components		
[-] Software Environment		
Item	Value	
OS Name	Microsoft Windows 10 Enterprise	
Version	10.0.16299 Build 16299	
Other OS Description	Not Available	
OS Manufacturer	Microsoft Corporation	
System Name	DPC00GDN7	
System Manufacturer	LENOVO	
System Model	10B4S0RF00	
System Type	x64-based PC	
System SKU	LENOVO_MT_10B4	

For 64-bit machine it is x64-based PC

For 32-bit machine it is x86-based PC

Step 2: Download Python 3.7.4

- ✚ Go to <https://www.python.org/>
- ✚ Click on Downloads and Select Windows



Python Releases for Windows page appears

Stable Releases

▪ [Python 3.7.4 - July 8, 2019](#)

Note that Python 3.7.4 *cannot* be used on Windows XP or earlier.

- Download [Windows help file](#)
- Download [Windows x86-64 embeddable zip file](#)
- Download [Windows x86-64 executable installer](#)
- Download [Windows x86-64 web-based installer](#)
- Download [Windows x86 embeddable zip file](#)
- Download [Windows x86 executable installer](#)
- Download [Windows x86 web-based installer](#)

✚ For 64 bit Machine you download: [Windows x86-64 web-based installer](#)

✚ For 32 bit Machine you download: [Windows x86 web-based installer](#)

Step 3: Install Python 3.7.4

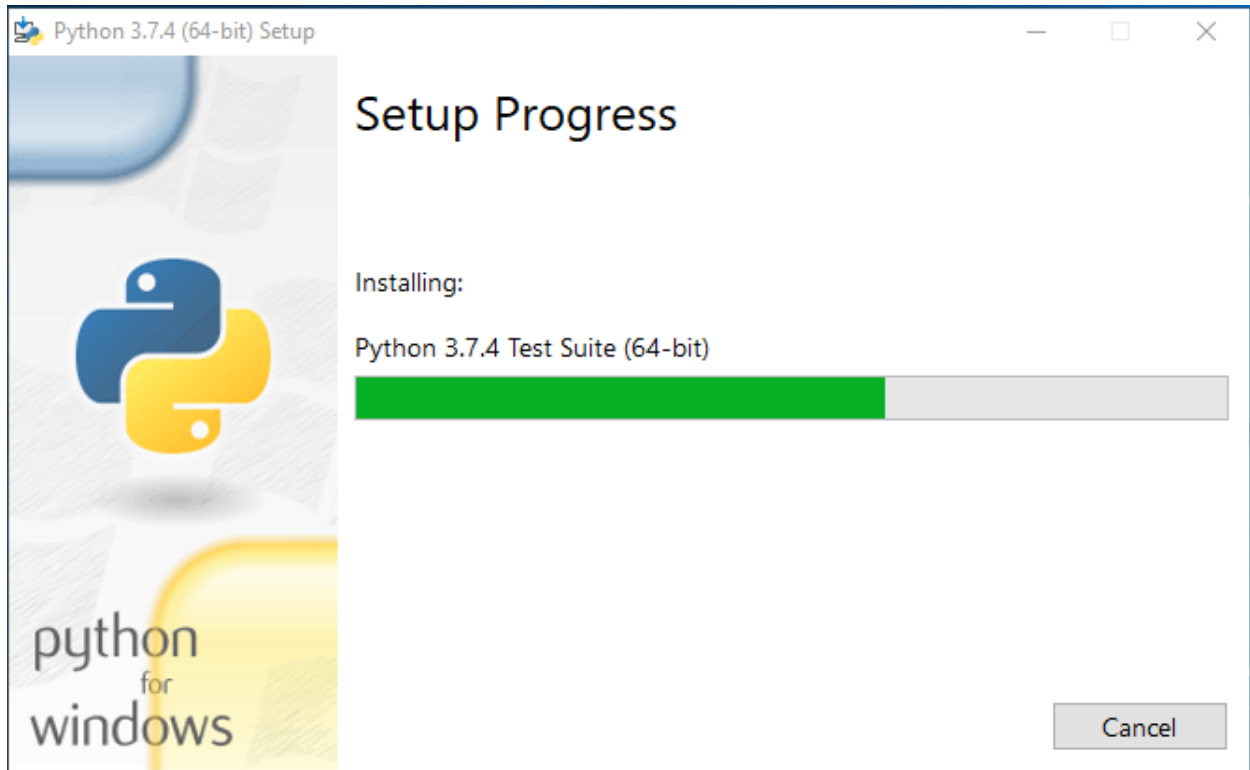
Once the download is finished, click on the file and start installation. Following screen appears at the start:

Very Important: Select and mark **Add “Python 3.7 to PATH option”**



✚ Then click on *Install Now*.

Now, Python will start installing in your computer.



Once the download is finished, close the installer.

To check whether the installation was successful or not,

- ✚ go to **Start**
- ✚ Type **Python**

You will see the Python app in the Windows Start Menu.

Your installation is completed successfully.

-----**End of Python 3.7.4 Installation**-----