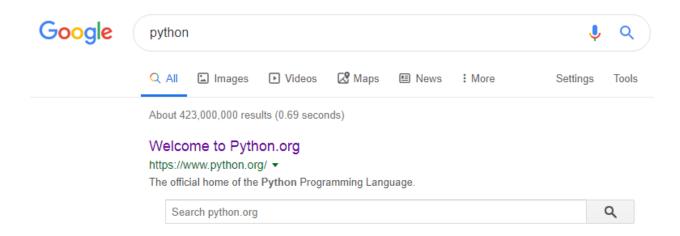
- OpenCV is an image processing library created by Intel and later supported by Willow Garage and now maintained by Itseez.
- Available on Mac, Windows, Linux.
- Works in C, C++, and Python.
- Open Source and free.
- Easy to use and install.





About

Downloads

Documentation

```
0 1 1 2 3 5 8 13 21 34 55 89 144 233 377 610 987
```

Python is a programming lan and integrate systems mo

(b) Get Started

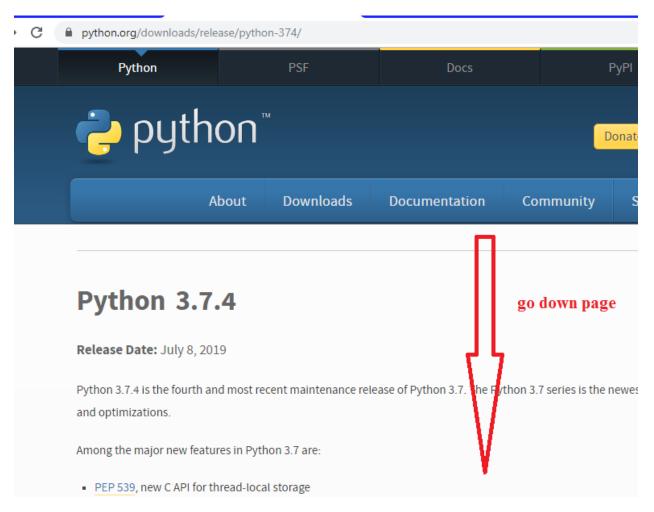
Whether you're new to programming or an experienced developer, it's easy to tearn and use Python.

Start with our Reginner's Guide

Download

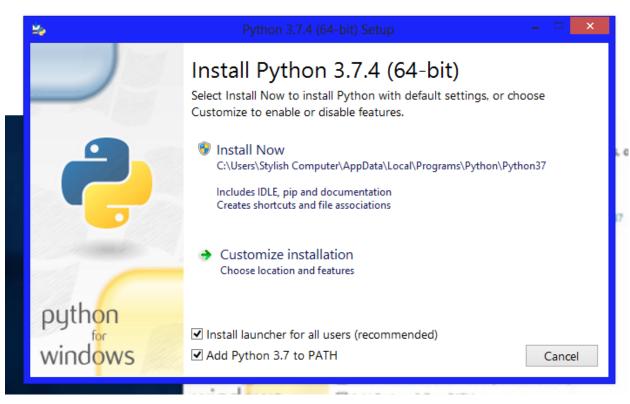
Python source code and installers are available for download for all versions!

Latest: Python 3.7.4

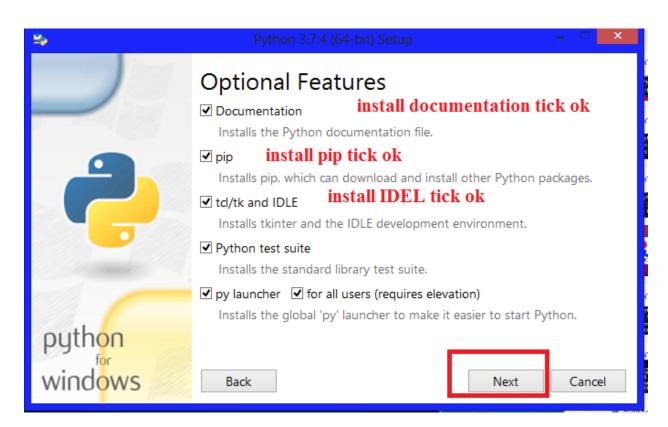


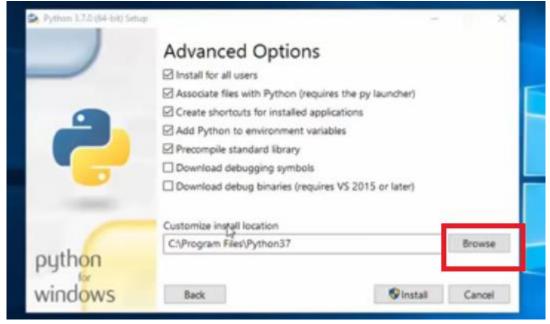
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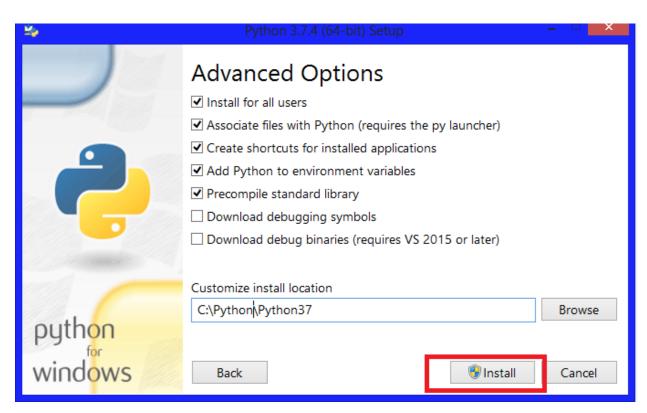
Version	Operating System	Description
Gzipped source tarball	Source release	
XZ compressed source tarball	Source release	
macOS 64-bit/32-bit installer	Mac OS X	for Mac OS X 10.6
macOS 64-bit installer	Mac OS X	for OS X 10.9 and
Windows help file	Windows	
Windows x86-64 embeddable zip file	Windows	for AMD64/EM641
Windows x86-64 executable installer	Windows	for AMD64/EM641
Windows x86-64 web-based installer	Windows	for AMD64/EM641
Windows x86 embeddable zip file	Windows	
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Windows x86 web-based installer	Windows	

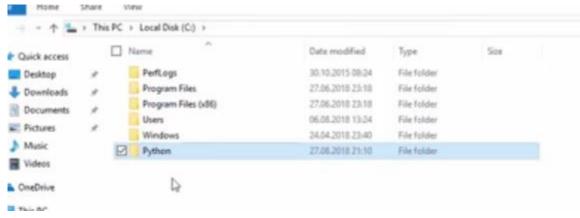


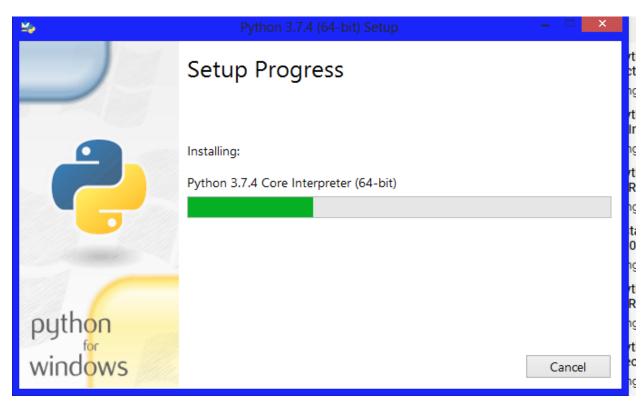


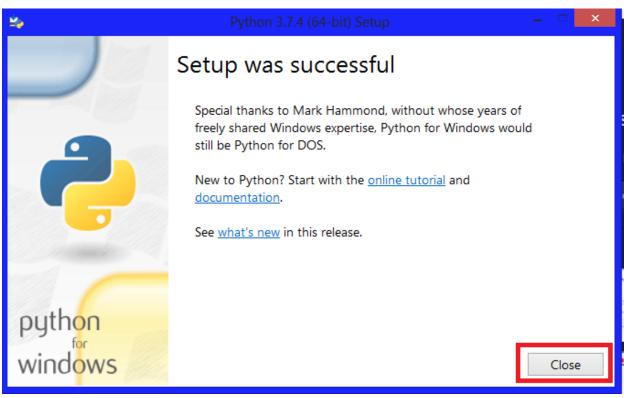


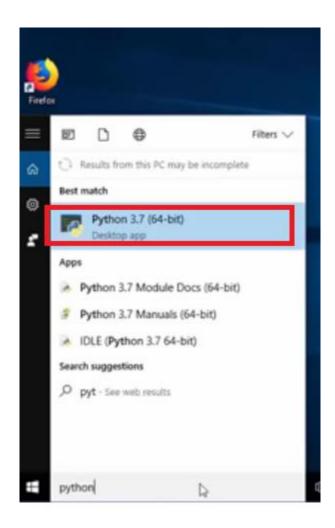






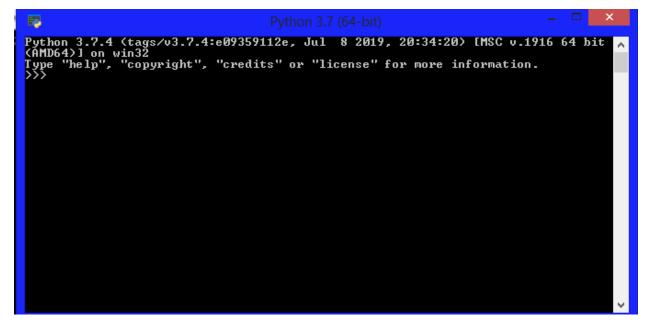


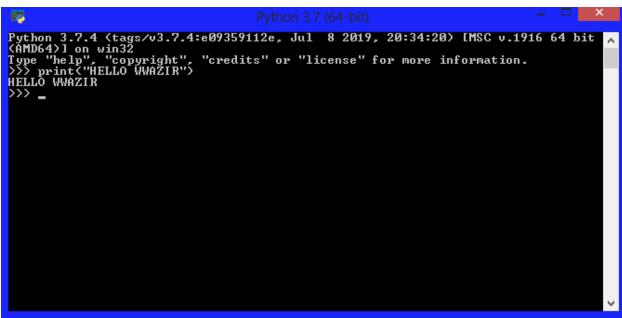


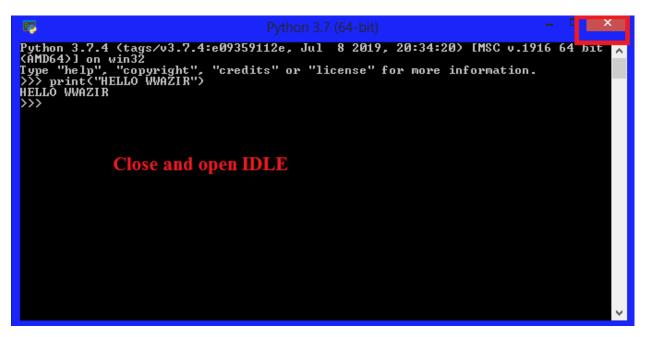


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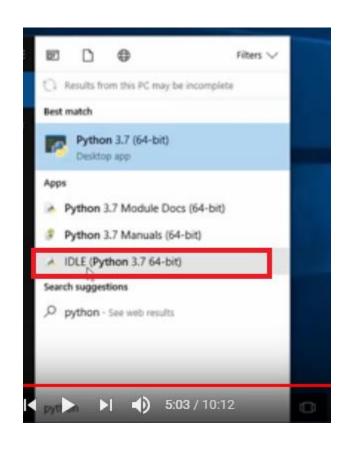


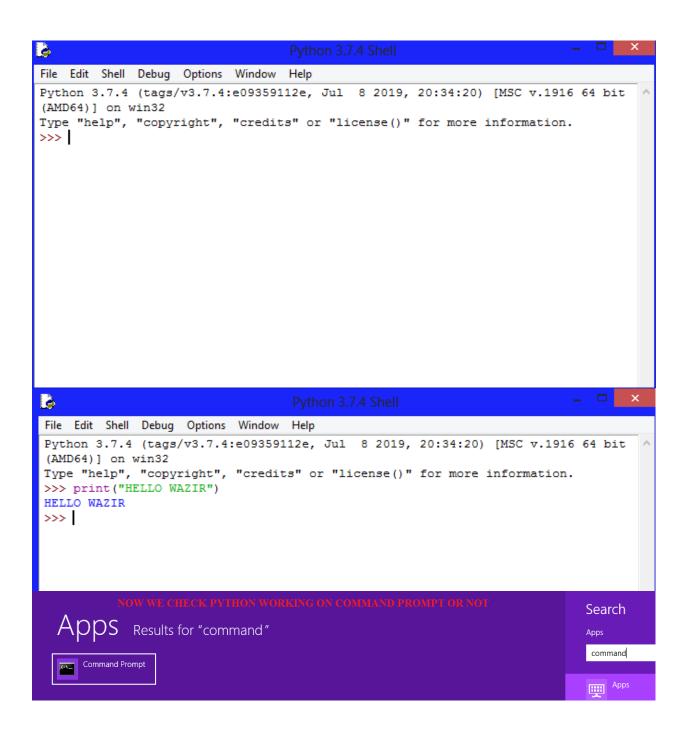












```
Microsoft Windows [Version 6.2.9200]
(c) 2012 Microsoft Corporation. All rights reserved.

C:\Users\Stylish Computer>python
Python 3.7.4 (tags/v3.7.4:e09359112e, Jul 8 2019, 20:34:20) [MSC v.1916 64 bit (AMD64>] on win32

[ype "help", "copyright", "credits" or "license" for more information.

Yes working and show version 3.7.4
```

```
Command Prompt - python

Microsoft Windows [Version 6.2.9200]
(c) 2012 Microsoft Corporation. All rights reserved.

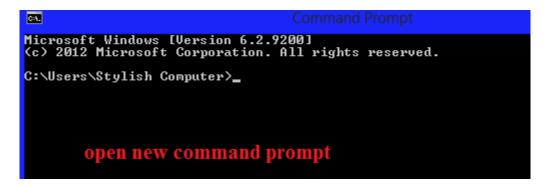
C:\Users\Stylish Computer\python
Python 3.7.4 (tags/v3.7.4:e09359112e, Jul 8 2019, 20:34:20) [MSC v.1916 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license" for more information.

>>>> print("HELLO WAZIR")

HELLO WAZIR

>>> ___
```

HOW TO INSTALL OPEN CV



```
Command Prompt

Microsoft Windows [Version 6.2.9200]
(c) 2012 Microsoft Corporation. All rights reserved.

C:\Users\Stylish Computer>python --version
Python 3.7.4

C:\Users\Stylish Computer>
```

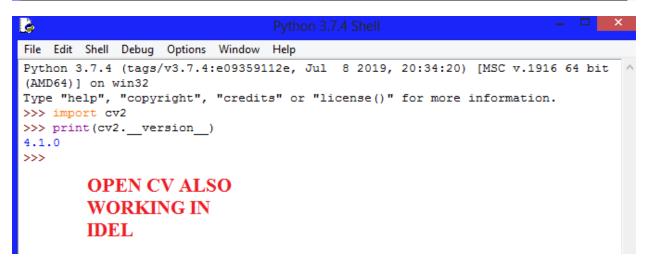
```
Microsoft Windows [Version 6.2.9200]
(c) 2012 Microsoft Corporation. All rights reserved.

C:\Users\Stylish Computer>python --version
Python 3.7.4

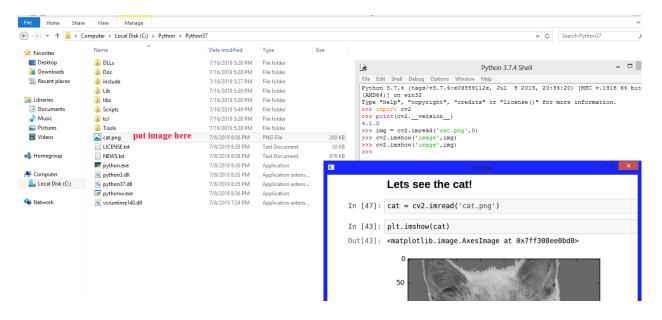
C:\Users\Stylish Computer>pip --version
pip 19.0.3 from c:\python\python37\lib\site-packages\pip \((\python 3.7\))

C:\Users\Stylish Computer>
```

Open CV Successfully Installed







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cat.png	7/6/2019 8:56 PM	PNG File	260 KB
LICENSE.txt	7/8/2019 8:38 PM	Text Document	30 KB
NEWS.txt	7/8/2019 8:38 PM	Text Document	676 KB
python.exe	7/8/2019 8:36 PM	Application	98 KB
python3.dll	7/8/2019 8:35 PM	Application extens	58 KB
ython37.dll	7/8/2019 8:35 PM	Application extens	3,661 KB
👼 pythonw.exe	7/8/2019 8:36 PM	Application	97 KB
🕸 vcruntime140.dll	7/8/2019 7:24 PM	Application extens	88 KB



Read an image

cv2.imread() Second argument is a flag which specifies the way image should be read.

flag	integer value	description
cv2.IMREAD_COLOR	1	Loads a color image.
cv2.IMREAD_GRAYSCALE	0	Loads image in grayscale mode
cv2.IMREAD_UNCHANGED	-1	Loads image as such including alpha channel