

Downloading and Installing OpenCV:

OpenCV can be directly downloaded and installed with the use of pip (package manager). To install OpenCV, just go to the command-line and type the following command:

```
pip install opencv-python
```

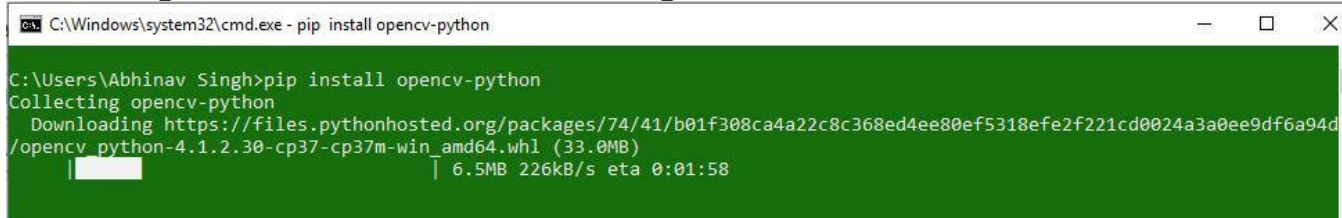
Beginning with the installation:

- **Type the command in the Terminal and proceed:**



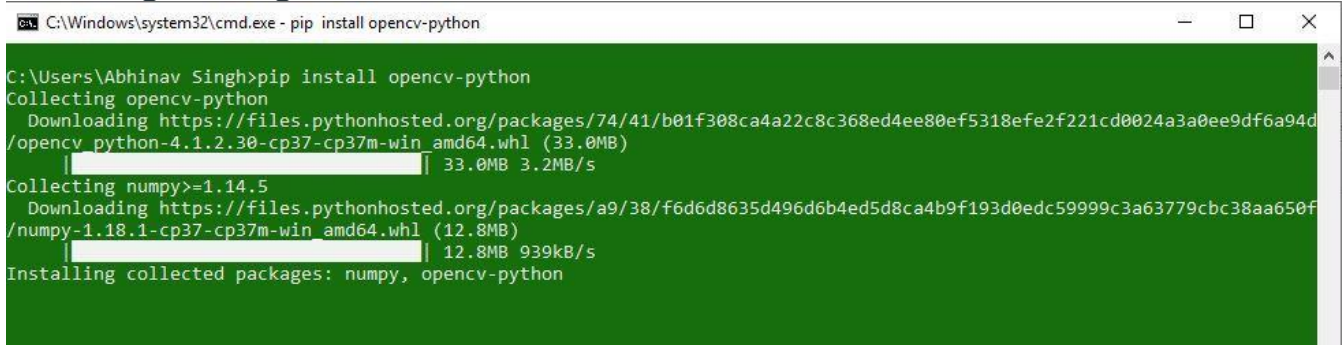
```
C:\Users\Abhinav Singh>pip install opencv-python
```

- **Collecting Information and downloading data:**



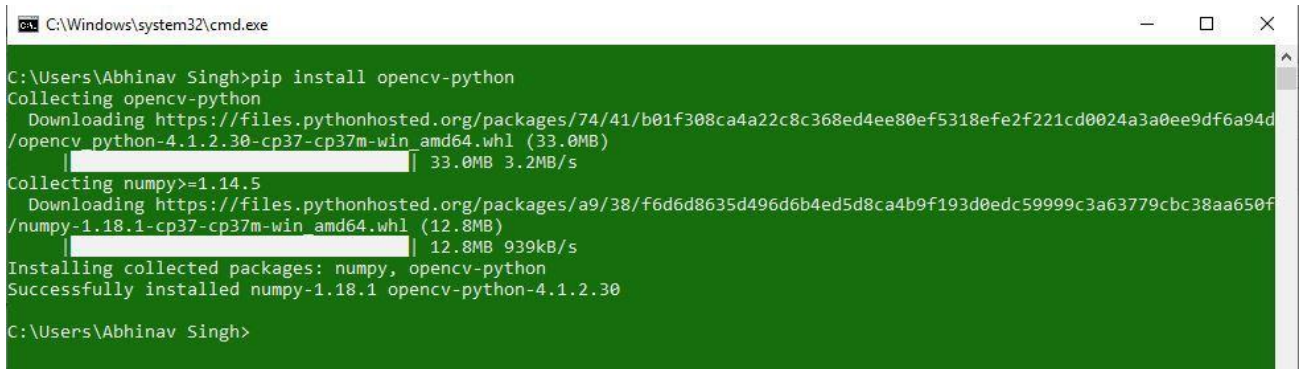
```
C:\Users\Abhinav Singh>pip install opencv-python
Collecting opencv-python
  Downloading https://files.pythonhosted.org/packages/74/41/b01f308ca4a22c8c368ed4ee80ef5318efe2f221cd0024a3a0ee9df6a94d
/opencv_python-4.1.2.30-cp37-cp37m-win_amd64.whl (33.0MB)
    | 6.5MB 226kB/s eta 0:01:58
```

- **Installing Packages:**



```
C:\Users\Abhinav Singh>pip install opencv-python
Collecting opencv-python
  Downloading https://files.pythonhosted.org/packages/74/41/b01f308ca4a22c8c368ed4ee80ef5318efe2f221cd0024a3a0ee9df6a94d
/opencv_python-4.1.2.30-cp37-cp37m-win_amd64.whl (33.0MB)
    | 33.0MB 3.2MB/s
Collecting numpy>=1.14.5
  Downloading https://files.pythonhosted.org/packages/a9/38/f6d6d8635d496d6b4ed5d8ca4b9f193d0edc59999c3a63779cbc38aa650f
/numpy-1.18.1-cp37-cp37m-win_amd64.whl (12.8MB)
    | 12.8MB 939kB/s
Installing collected packages: numpy, opencv-python
```

- **Finished Installation:**



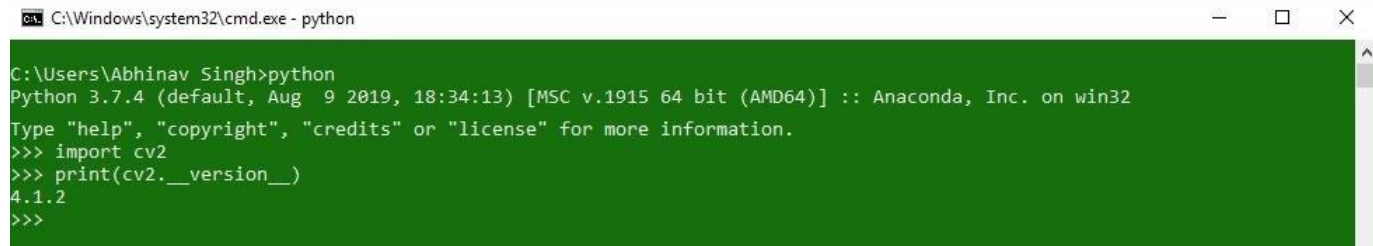
```
C:\Users\Abhinav Singh>pip install opencv-python
Collecting opencv-python
  Downloading https://files.pythonhosted.org/packages/74/41/b01f308ca4a22c8c368ed4ee80ef5318efe2f221cd0024a3a0ee9df6a94d
/opencv_python-4.1.2.30-cp37-cp37m-win_amd64.whl (33.0MB)
    | 33.0MB 3.2MB/s
Collecting numpy>=1.14.5
  Downloading https://files.pythonhosted.org/packages/a9/38/f6d6d8635d496d6b4ed5d8ca4b9f193d0edc59999c3a63779cbc38aa650f
/numpy-1.18.1-cp37-cp37m-win_amd64.whl (12.8MB)
    | 12.8MB 939kB/s
Installing collected packages: numpy, opencv-python
Successfully installed numpy-1.18.1 opencv-python-4.1.2.30
C:\Users\Abhinav Singh>
```

To check if OpenCV is correctly installed, just run the following commands to perform a version check:

```
python
```

```
>>>import cv2
```

```
>>>print(cv2.__version__)
```



A screenshot of a Windows command prompt window titled "C:\Windows\system32\cmd.exe - python". The window has a green background and shows the following text:

```
C:\Users\Abhinav Singh>python
Python 3.7.4 (default, Aug  9 2019, 18:34:13) [MSC v.1915 64 bit (AMD64)] :: Anaconda, Inc. on win32
Type "help", "copyright", "credits" or "license" for more information.
>>> import cv2
>>> print(cv2.__version__)
4.1.2
>>>
```

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