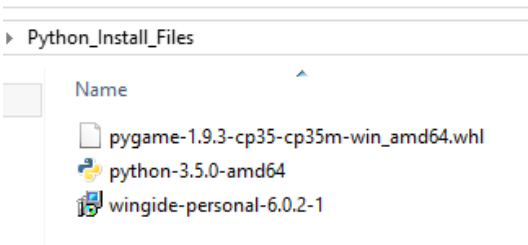


# Python 3.5 Wingware IDE Installation Instructions + Pygame

## Step 1 : Download Your Files

Make a folder on your desktop and name the folder **Python\_Install\_Files**

Once you have downloaded all files, your folder will look similar to what is shown below.

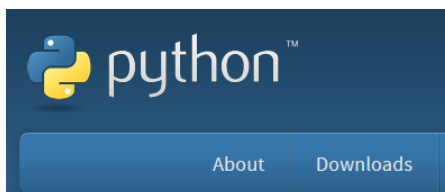


Download Python 35

<https://www.python.org/downloads/release/python-350/>

Pick the version you need based on your Operating System

Windows or Mac? 32 bit or 64 bit?



## Python 3.5.0

Release Date: 2015-09-13

### Python 3.5.0

Python 3.5.0 was released on September 13th, 2015.

## Files

Version	Operating System
<a href="#">Gzipped source tarball</a>	Source release
<a href="#">XZ compressed source tarball</a>	Source release
<a href="#">Mac OS X 32-bit i386/PPC installer</a>	Mac OS X
<a href="#">Mac OS X 64-bit/32-bit installer</a>	Mac OS X
<a href="#">Windows help file</a>	Windows
<a href="#">Windows x86-64 embeddable zip file</a>	Windows
<a href="#">Windows x86-64 executable installer</a>	Windows
<a href="#">Windows x86-64 web-based installer</a>	Windows
<a href="#">Windows x86 embeddable zip file</a>	Windows
<a href="#">Windows x86 executable installer</a>	Windows
<a href="#">Windows x86 web-based installer</a>	Windows

There Mac and Windows installers.

Most windows users will want the executable installer.

x86-64 is 64 bit

x86 only is 32 bit

Save the Python 3.5 file in your Python\_Install\_Files folder

## Wing IDE Download

<https://wingware.com/downloads>

Wing 101 and Wing Personal are FREE

Teachers can apply to get a code to use Wing Pro for FREE

One request per school is all that is needed.

<http://wingware.com/store/free>

**WING PYTHON IDE**  
The INTELLIGENT DEVELOPMENT ENVIRONMENT for PYTHON PROGRAMMERS

Wing Pro	Wing Personal
The full-featured Python IDE for professional programmers	A free Python IDE for students and hobbyists
<ul style="list-style-type: none"><li>• Powerful Debugger</li><li>• Intelligent Editor</li><li>• Extensive Code Inspection and Navigation</li><li>• Project Management with Version Control</li><li>• Remote Development</li></ul>	<ul style="list-style-type: none"><li>• Simplified Debugger</li><li>• Full-Featured Editor</li><li>• Limited Code Inspection and Navigation</li><li>• Project Management</li></ul>

[GET PERSONAL](#)

Pick the version you need based on your Operating System. Windows or Mac? 32 bit or 64 bit?

**WING PYTHON IDE**  
The INTELLIGENT DEVELOPMENT ENVIRONMENT for PYTHON PROGRAMMERS

### Wing Personal - Version 6.0.2-1 - Released 2017-02-02

The best Python IDE. And I have tried them all! -- Ahmed Ali

Wing Personal is a free Python IDE designed for students and hobbyists. It omits many features found in Wing Pro. [Compare Products](#)

Wing Personal is free to use for any purpose and does not require a license to run.

Tutorial  
Quick Start Guide  
What's New

Also Available: [Patches](#)

Other OSes: [OS X](#) [Linux 64-bit](#)

Other Versions: [5.1.12-1](#) [5.0.9-1](#) [4.1.14-1](#) [3.2.13-1](#) [older versions](#)

Other Products: [Wing Pro](#) [Wing 101](#) - [Compare Product Features](#)

**Download Wing Personal:**

- Windows Installer 32-bit and 64-bit  
SHA1: 2f6068079c504740678410539807099581c2982b
- Windows Zip File 32-bit and 64-bit  
SHA1: 03b4328a69493358825040c14a2c09f97c02a09a

[Supported OSes](#)  
[Supported Python Versions](#)  
[Change Log](#)

Manual [HTML](#) [US Letter](#) [A4](#)  
How-Tos [HTML](#) [US Letter](#) [A4](#)  
Tutorial [HTML](#) [US Letter](#) [A4](#)

**Annotations:**

- Most windows users will want the executable installer.
- Wing does provide a portable version that will run from anywhere as long as python is installed.

Save the Wing IDE file in your Python\_Install\_Files folder

## Pygame for Python 3.5 Download

<http://www.lfd.uci.edu/~gohlke/pythonlibs/#pygame>

Pick the version you need based on your Operating System

Save the Pygame file in your Python\_Install\_Files folder

**NOTE ::** You only need to install Pygame if you plan to build graphical / game projects.

lfd Python Extension Package... X +

www.lfd.uci.edu/~gohlke/pythonlibs/#pygame

**Pygame**, a library for writing games based on the SDL library.

- [pygame-1.9.3-cp27-cp27m-win32.whl](#)
- [pygame-1.9.3-cp27-cp27m-win\\_amd64.whl](#)
- [pygame-1.9.3-cp34-cp34m-win32.whl](#)
- [pygame-1.9.3-cp34-cp34m-win\\_amd64.whl](#)
- [pygame-1.9.3-cp35-cp35m-win32.whl](#)
- [pygame-1.9.3-cp35-cp35m-win\\_amd64.whl](#)
- [pygame-1.9.3-cp36-cp36m-win32.whl](#)
- [pygame-1.9.3-cp36-cp36m-win\\_amd64.whl](#)

## Step 2 : Install Python and WING

Go to your Python\_Install\_Files folder

Install Python 3.5.x to the C:\Python35 folder

Double-click your Python35 install file you downloaded.

**python-3.5.0-amd64**

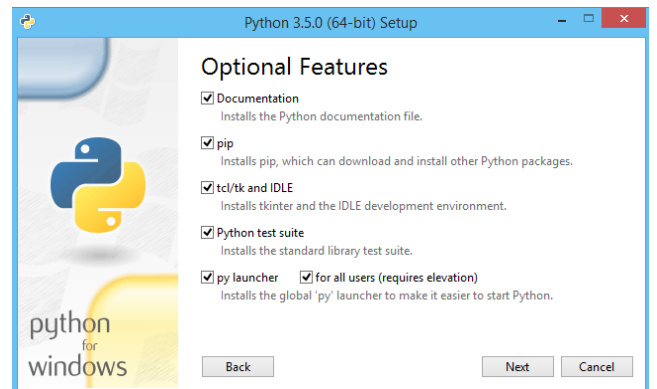
Check  Add Python 3.5 to PATH

Click on Customize Installation.



On Optional Features Screen  
make sure all  are checked

Click Next



On the Advanced Options Screen

Check first 5 boxes

Change your install path to C:\Python35

Click the Install button



Python will state installation completed once installed.

You can verify the installation was successful by checking to see that C:\Python35 exists

## Install Wingware IDE

Double-click your Wing install file you downloaded.

**wingide-personal-6.0.2-1**

Follow the steps and agree to the terms

install to the normal path

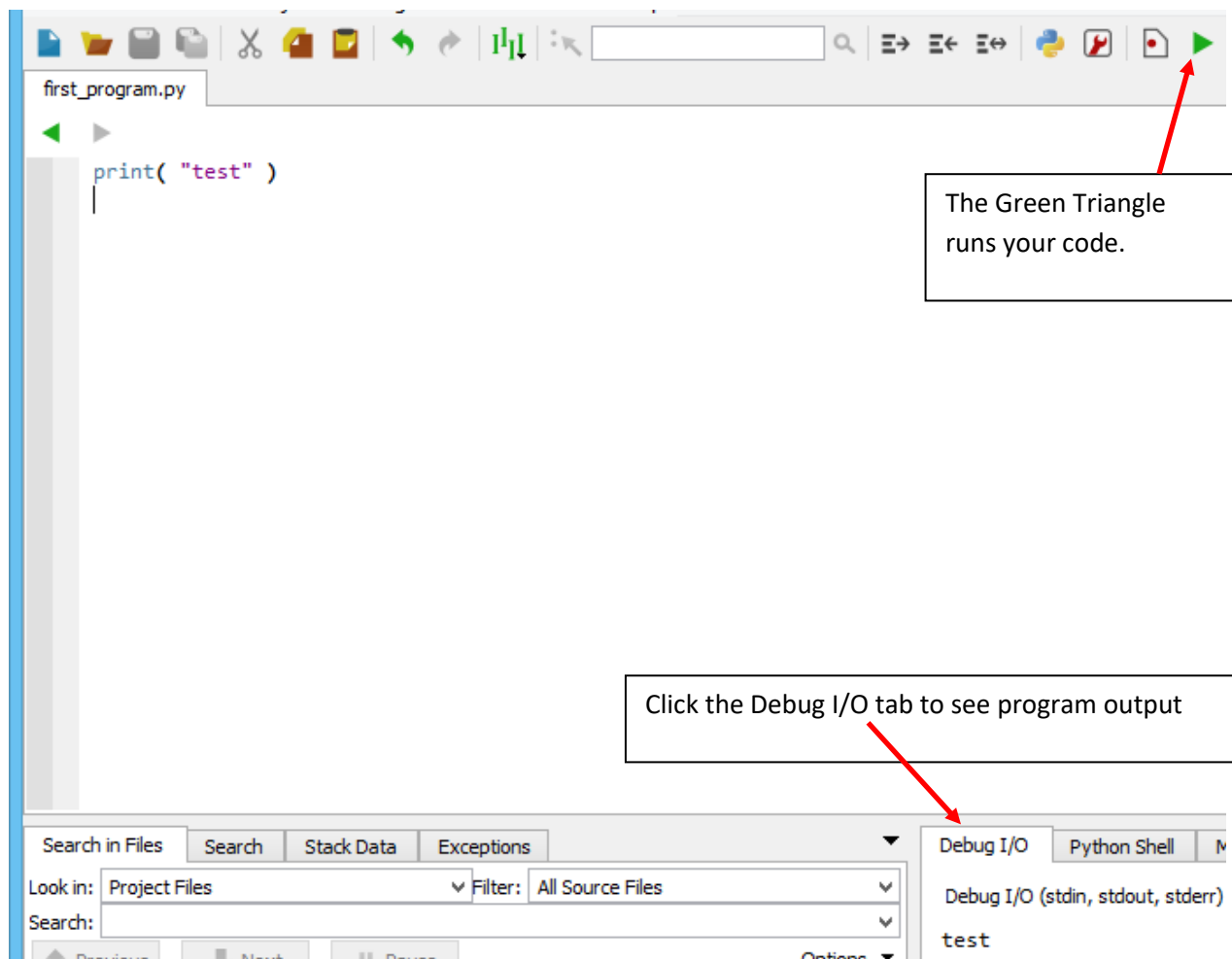
no need to change the path

The Wing IDE will state that installation finished successfully.

## Step 3 : Create a simple Python program to make sure all is well so far.

Once completely installed, start up the Wing IDE.

File new file will let you create a new python program.

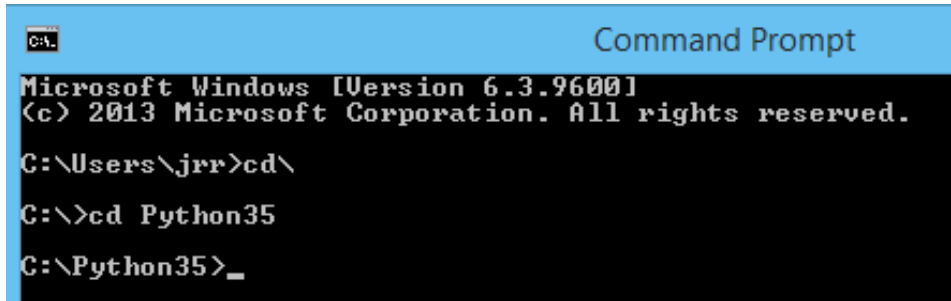


## Step 4 : Install PyGame for Games and Graphics

Copy the .whl file you downloaded to the C:\Python35 folder

For windows, run cmd or command to start the command prompt

Type `cd\` and then `cd Python35`



```
Command Prompt
Microsoft Windows [Version 6.3.9600]
(c) 2013 Microsoft Corporation. All rights reserved.

C:\Users\jrr>cd\

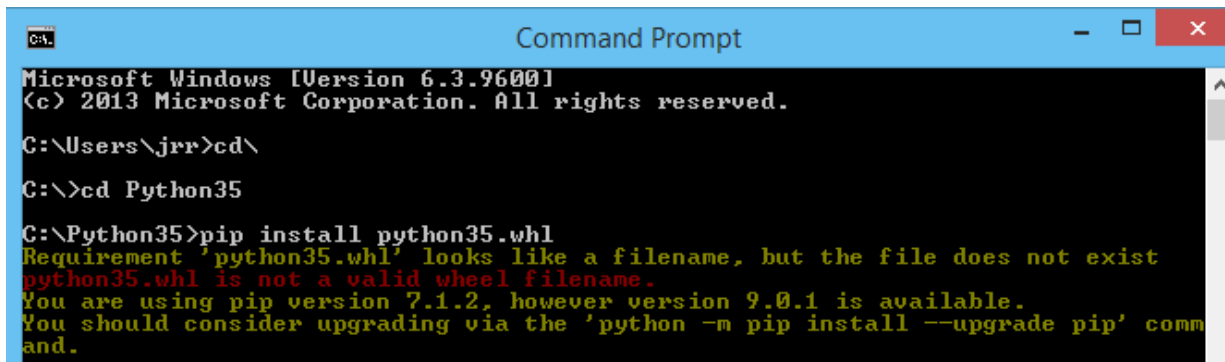
C:\>cd Python35

C:\Python35>_
```

From C:\Python35

run `pip install file_name_of_wheel_file.whl`

`C:\Python35>pip install pygame-1.9.3-cp35-cp35m-win_amd64.whl`



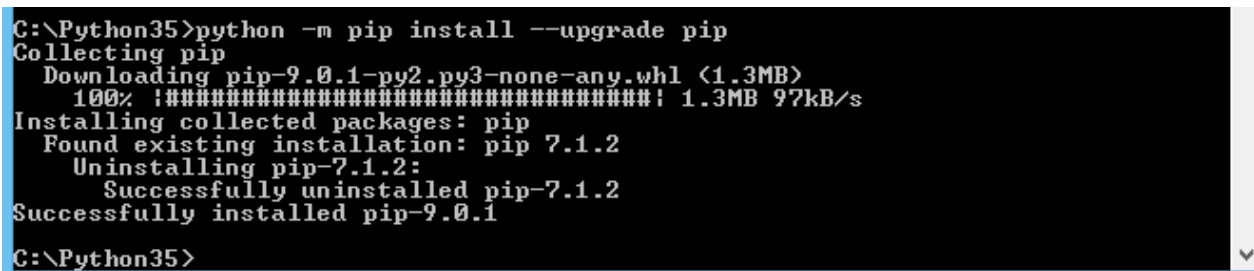
```
Command Prompt
Microsoft Windows [Version 6.3.9600]
(c) 2013 Microsoft Corporation. All rights reserved.

C:\Users\jrr>cd\

C:\>cd Python35

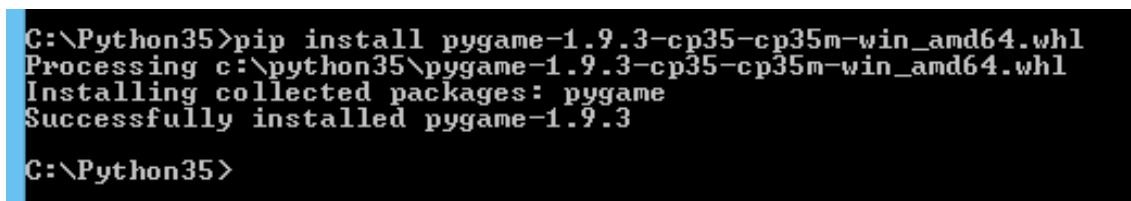
C:\Python35>pip install python35.whl
Requirement 'python35.whl' looks like a filename, but the file does not exist
python35.whl is not a valid wheel filename.
You are using pip version 7.1.2, however version 9.0.1 is available.
You should consider upgrading via the 'python -m pip install --upgrade pip' command.
```

**PIP UPGRADE** Python may state that you need to upgrade PIP. If so, upgrade PIP.



```
C:\Python35>python -m pip install --upgrade pip
Collecting pip
  Downloading pip-9.0.1-py2.py3-none-any.whl (1.3MB)
    100% |#####| 1.3MB 97kB/s
Installing collected packages: pip
  Found existing installation: pip 7.1.2
  Uninstalling pip-7.1.2:
    Successfully uninstalled pip-7.1.2
  Successfully installed pip-9.0.1
C:\Python35>
```

After upgrading PIP, run the command to install Pygame again.



```
C:\Python35>pip install pygame-1.9.3-cp35-cp35m-win_amd64.whl
Processing c:\python35\pygame-1.9.3-cp35-cp35m-win_amd64.whl
Installing collected packages: pygame
Successfully installed pygame-1.9.3

C:\Python35>
```

Build some cool stuff using Pygame and Python.