Installing Python and Wing on a PC

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Installing Python On a PC

1. **Please use Python 2.7.2!**
   - Stable release - compatible with more 3rd party software than Python 3.2.2
   - Simplifies providing help if everyone is using the same release
   - Your programming assignments may be machine graded assuming Python 2.7.2

2. **First check to see if Python 2.7.2 is already installed on your machine**
   - Open a command window and type "python"
   - If Python 2.7.2 is installed you will see

     Python 2.7.2 (default, Jun 12 2011, 15:08:59) [MSC v.1500 32 bit (Intel)] on win32

     Type "help", "copyright", "credits" or "license" for more information.

3. **If Python 2.7.2 is not installed:**
   - Go to http://www.python.org/getit
   - Download and run Python 2.7.2 Windows Installer (python-2.7.2.msi) (accept all the install recommendations)

Installing Wing On a PC

1. **Wing is an Integrated Development Environment (IDE)**
   - Simplifies editing, running, and debugging Python programs

2. **Install Wing IDE 101 v.4.1.2**
   - Go to http://wingware.com/
   - Select" Download", then select the "Wing IDE 101" tab (Wing 101 is free!)
   - Scroll down the page, download and run "Wing IDE 101 / Windows" (python-2.7.2.msi)

3. **Configure Wing**
   - Start the Wing IDE 101 4.1 program
   - Click on the "Python Shell" tab in lower IDE window
   - If Python 2.7.2 is not running in the Python shell window, see "Setting the Python Executable on the next page"
   - Select the "Custom" button for the Python Path
     - Select "Insert" under the Python Path window
     - Navigate to (and create if necessary) your Python program folder(s)

4. **Wing Tutorial**
   - The Wing tutorial in Help -> Tutorial is very helpful and worth doing

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5. Setting the Python Executable in Wing
   ○ In the upper IDE window select "Edit -> Configure Python"
   ○ Select the "Custom" button for the Python Executable
      ✗ Browse to and select "c:\Python27\python.exe"
      ✗ Close Wing, restart it, and confirm that 2.7.2 is running in the Python shell window

6. Additional Help
   ○ **Installing Python and Wing IDE 101 on a Windows computer**
      (http://www.youtube.com/watch?v=OrpavIGbkSw)
   ○ Just be sure to install Python 2.7.2 and Wing IDE 101 v.4.1.2!