

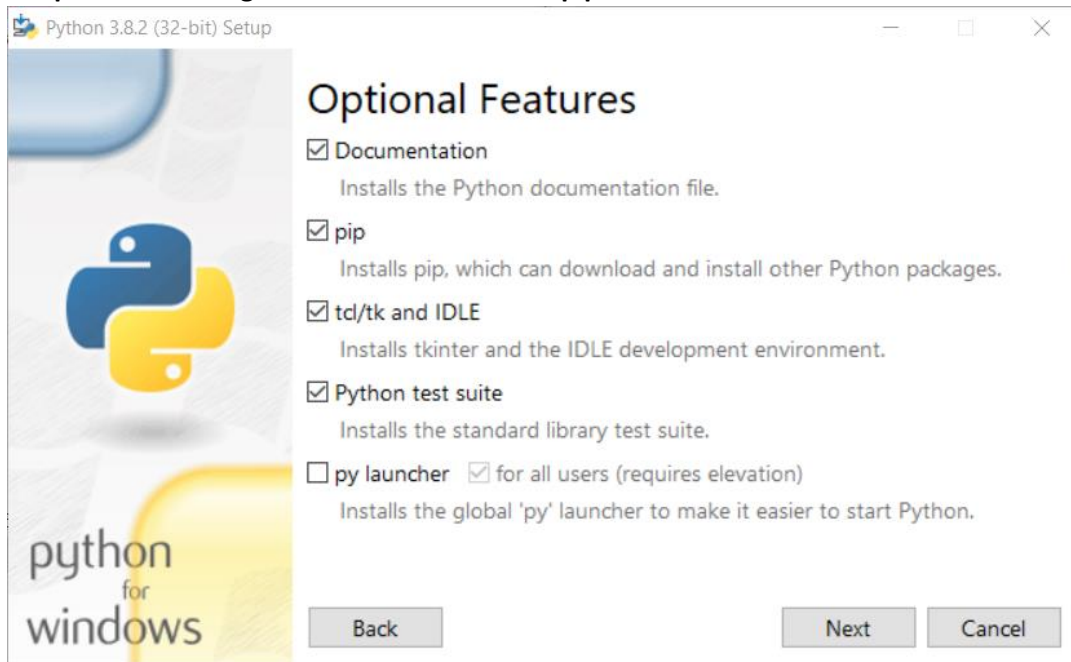
Manual - manual installation and uninstallation

For the full functionality you have to install a few applications.

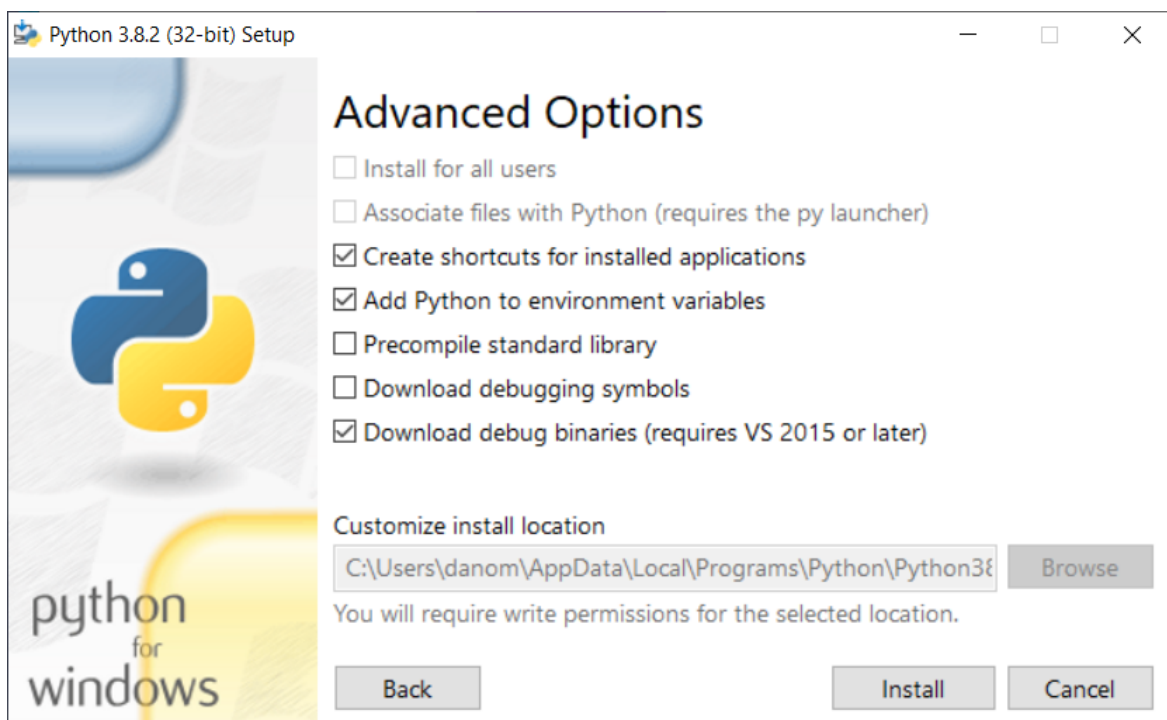
Needed:

python 3.6 or higher -> <https://www.python.org/downloads/>

! Important – during installation select install pip



! In the next window select „Add Python to environmental variables“



Make -> <http://gnuwin32.sourceforge.net/packages/make.htm>

Optional:

Documentation: Doxygen -> <http://www.doxygen.nl/download.html>

Pack: Zip -> <http://gnuwin32.sourceforge.net/packages/zip.htm>

Git -> <https://git-scm.com/download/win>

!! Important – add all of the installed apps to the environmental variables (add it to the path)

Guide -> <https://helpdeskgeek.com/windows-10/add-windows-path-environment-variable/>

Install:

Download the zip and unzip it in any folder

Steps:

- open Windows command line and move into the src folder
- make sure that the **Makefile** is in this folder
- use **make/ make all** to install the dependencies, it will install PyQt5 and PyInstaller
- use **make install** to create folder CalculatorApp, with Calculator.exe in it
- save the folder wherever you like and copy the Makefile to the parent folder
- create a desktop shortcut to the Calculator.exe file if you want
- use Make targets for more options

Make targets:

make/ make all	- install dependencies
make pack	- pack needed files
make clean	- clean not needed files
make test	- start tests for math library
make doc	- generate documentation with Doxygen
make run	- start the program
make profile	- start code for standard deviation with example file
make install	- make Calculator.exe file and move it to a new folder
make uninstall	- delete File containing Calculator.exe
make help	- print make info for this program

Uninstall

Open windows command line and move to the folder with the Calculato.exe and go to the parent folder, where the Makefile is. If the Makefile isn't there copy it there.

Type **make uninstall** to remove the folder and Calculator.exe in it. If you have something in that folder, that you would like to keep move it elsewhere, otherwise it will be deleted.