Classes and objects and self

” Classes are essentially a template to create your objects.:

class MyClass:

variable = "blah"

def function(self):

print("This is a message inside the class.")

myobject = MyClass()

the ”self” need to be there for some more advanced reason. Here:

myObject.function()

is the same as

myClass.function(myObject)

see learnabout\_self.py

After calling a function, all variables in that function that is not returned, get deallocated

* How to open a new environment

Ex. Want to run Silvias sc ript for packing up the modules of Excalibur Diamond data into one file. Demands a package “cv2” which I d onot have. Try to install it when it I complaining about a conflicting package. Should be an excellent ecample of when to use a new environment.

https://conda.io/docs/user-guide/getting-started.html#managing-environments

What environment am I in now?

conda info –envs

Change environment:

activate nameofenvironment

(now I am in the base environment (not the ptypy one, which is probably from experimenting. Alse there is a test\_mayavi onw. Should remove both of the not to confuse things.)