

Tasks:

- Use the sample projects we created in class as a guide. If you didn't get everything we did in class, I would suggest using <https://docs.python.org/2/extending/index.html#extending-index> (especially chapter 1 and 2) as a guide.
- Download the lab6_main.py program. Infer what functionality needs to be in your python extension to make this possible; create that module.
 - **(10 points)** Successfully following along with the tutorial we do in class (I'll come around and grade you, perhaps without your knowledge...)
 - **(10 points)** Basic setup and top-level functions
 - **(50 points)** Image class.
 - This is your call: you must support loading at least one color image format. You can either...
 - ...use a library (I would suggest FreeImage)
 - ...write a file loading / saving routine yourself (I would suggest the PPM format [http://netpbm.sourceforge.net/doc/ppm.html] – Gimp can load / save these).
 - **(+7 points)** The feature which allows us to treat a Image object as a dictionary (e.g. `print(I['width'])`)
- For this lab, I *do* want you to turn in a zip of your entire project (including test images, built-dll's, etc.)