UNIVERSITY OF AVEIRO
DEPARTAMENT OF ELECTRONICS, TELECOMUNICATIONS AND INFORMATICS

Computer Vision (2016/2017)

Lecture 01

1. Go to `http://code.ua.pt/` and create your project to be used during the classes. The name should be CV1617-NMEC1-NMEC2, where NMEC should be the student number of the the group numbers. Extract the created repository to your computer where you should put all the developed software. You can use SVN or GIT.
2. Go the OpenCV website (`http://opencv.org/` and follow the instruction to install OpenCV in our computer. In most of the Linux distributions you already have packages available.
3. You can find several tutorials about OpenCV in the documentation page (http://docs.opencv.org/doc/tutorials/tutorials.html). Explore the usage of OpenCV with GCC and CMake described in the "Introduction" tutorials.
4. Implement, compile and test the OpenCV example "Load, Modify, and Save an Image".
5. Implement, compile and test the OpenCV example "Adding two images using OpenCV".
6. Implement, compile and test the OpenCV example "Changing the contrast and brightness of an image".
7. Change the previous example in order to explore other methods of scanning an image.