VC. Exercise 2.2

Segmenting and Tagging

Given the image in Figure 1:

Segment each of the lungs of the CT image obtained in exercise 1.2 (Fig. 1) and tag each one with different labels

The exercise has two steps:

i)   The location of the lungs must be determined
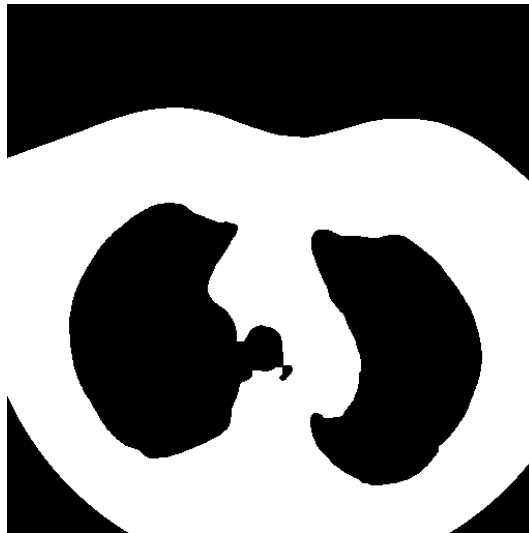ii)   Each of the lungs must be segmented using region growing
iii)   Tag each lung

Figure 1

Note.- each team of students has to upload a zip file called *lastName1_lastName1_VC_2.1.zip*, to the CV:

Inside the zip should be included:

- A jupyter notebook, showing how the software works (see the example).
- An html file of the notebook.
- The .py files with the python functions that were created.
- All the necessary files to verify the correct operation of the application.

Deadline → December 21, 16:00