Exercise 11a. Implement the program 'exercise_11a_flatzone' that
obtains the flat zone (piecewise-constant region) of a pixel (x,y)
that will be launched as:

exercise_11a_flatzone exercise_11a_input_01.txt exercise_11a_input_01.pgm exercise_11a_output_01.pgm

The input file 'exercise_11a_input_01.txt' is an input file with
4 lines of parameters:
-At line 1: an integer number 'x' that denotes the column of the pixel.
-At line 2: an integer number 'y' that denotes the row of the pixel.
-At line 3: an integer number 'connectivity' that denotes the
connectivity number employed (4 or 8, corresponding to 4-connectivity
or 8-connectivity, respectively).
-At line 4: an integer number 'flat zone label' that indicates
the label value that the flat zone in the output image will have.

The flat zone of pixel (x,y) will appear with value 'flat zone label'
in the output image exercise_11a_output_01.pgm, and the rest of the
image pixels will have zero intensity value. The 'flat zone label'
value is different from 0.

Note: 8-connectivity can be assumed (it is not necessary to consider
4-connectivity).

Note: to check imFlatZone:
-immed_gray_inv_20051218_frgr4.pgm   (input image)
-immed_gray_inv_20051218_frgr4_flatzone57_36.pgm   (flat zone of pixel
(column = 57, row = 36))

-gran01_64.pgm   (input image)
-gran01_64_flatzone0_0.pgm   (flat zone of pixel
(column = 0, row = 0))

-See the pseudocode of flat zone reconstruction.