Exercise 08a. Let I be the input image in file isn_256.pgm, which has a binary impulsive noise added ("salt-and-pepper" noise). Let B be a structuring element square of size 3x3.

Compute:

Filter 1: opening_B (I)
Filter 2: closing_B (I)
Filter 3: closing_B (opening_B (I)) Filter 4: opening_B (closing_B (I))

Indicate which are the two best filters to eliminate the noise
in output file: 'exercise_08a_output_01.txt' (particularly, the first two lines should contain the filter numbers (1-4)).

Note: image isn_256.pgm is attached.