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Exercise 07a. Check the idempotence of the 'closing-opening' alternated filters for a particular case, using the programs implemented in previous exercises:

After the following calls, where 'i' denotes the size (an integer number):

```
exercise_06a_closing_opening i exercise_07a_input_01.pgm exercise_07a_output_01.pgm
;
exercise_06a_closing_opening i exercise_07a_output_01.pgm exercise_07a_output_02.pgm
;
exercise_02b_compare exercise_07a_output_01.pgm exercise_07a_output_02.pgm exercise_
02b_output_01.pgm
```

Note: exercise\_07a\_output\_01.pgm and exercise\_07a\_output\_02.pgm should be identical.

Note: use, for example, image cam\_74.pgm as the exercise\_07a\_input\_01.pgm input image

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Exercise 07b. Idem for the 'opening-closing' alternated filters.

After the following calls, where 'i' denotes the size (an integer number):

```
exercise_07b_opening_closing i exercise_07b_input_01.pgm exercise_07b_output_01.pgm
;
exercise_07b_opening_closing i exercise_07b_output_01.pgm exercise_07b_output_02.pgm
;
exercise_02b_compare exercise_07b_output_01.pgm exercise_07b_output_02.pgm exercise_
02b_output_01.pgm
```

Note: exercise\_07b\_output\_01.pgm and exercise\_07b\_output\_02.pgm should be identical.

Note: use, for example, image cam\_74.pgm as the exercise\_07b\_input\_01.pgm input image

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