
Exercise 04a. Implement a program 'exercise_04a_opening' that
performs a morphological opening of size 'i' using a square
of size (2*i+1)x(2*i+1):

```
exercise_04a_opening i exercise_04a_input_01.pgm exercise_04a_output_01.pgm
```

Note: 8-connectivity is assumed.

Some test images:
immed_gray_inv.pgm   (input image)
immed_gray_inv_20051123_ope1.pgm   (opening of size 1, 8-connectivity)
immed_gray_inv_20051123_ope2.pgm   (opening of size 2, 8-connectivity)

Exercise 04b. Implement a program 'exercise_04b_closing' that
performs a morphological closing of size 'i' using a square
of size (2*i+1)x(2*i+1):

```
exercise_04b_closing i exercise_04b_input_01.pgm exercise_04b_output_01.pgm
```

Note: 8-connectivity is assumed.

Some test images:
immed_gray_inv.pgm   (input image)
immed_gray_inv_20051123_clo1.pgm   (closing of size 1, 8-connectivity)
immed_gray_inv_20051123_clo2.pgm   (closing of size 2, 8-connectivity)
