

Representing image

There are numerous image formats available. One simple format is pgm (portable gray map), suitable for gray scale images. See https://en.wikipedia.org/wiki/Netpbm_format for details. You would need to download some pgm file viewer.

An example of an image and results of filtering are shown below. The pgm file representing the original image has been uploaded on moodle.

Original 120 x 160 image
Pixel values: 0 to 255



Result of applying
smoothing filter



Result of applying
sharpening filter

