

Module 2 – Report

The script has to be launch with the following structure ;

```
python module2.py path_to_your_picture
```

At launch a window open, displaying the picture given in argument and a tool bar (tkinter) with all the features. (*see example.png*)

The features include : **local median, mean, max and min filters**, and the possibility for the user to change the kernel size. **Auto-level and equalization**, both depending on the picture's histogram. The **inversion** of the picture (based on the inverse look up table). And the possibility to increase and decrease the **saturation and luminosity** of the picture.

Some other trivial features exist : rescale, reload and save.