Written in Python

Two files: main.py & utlis.py

Functions:

splitRGB(img)

AppliedFilter(R,G,B)

CmpDiffrence(img\_orignal,img\_f)

median(img1,img2)

Results:

Part1:



Part1\_img\_orignal Part1\_img\_filtered Part1\_difference

Part2:



Part2\_img\_orignal Part2\_demosaiced\_img Part2\_difference

Compared between the Part1\_difference and Part2\_difference pictures, we can see Part2\_difference did improve a lot.

 

Part1\_difference Part2\_difference