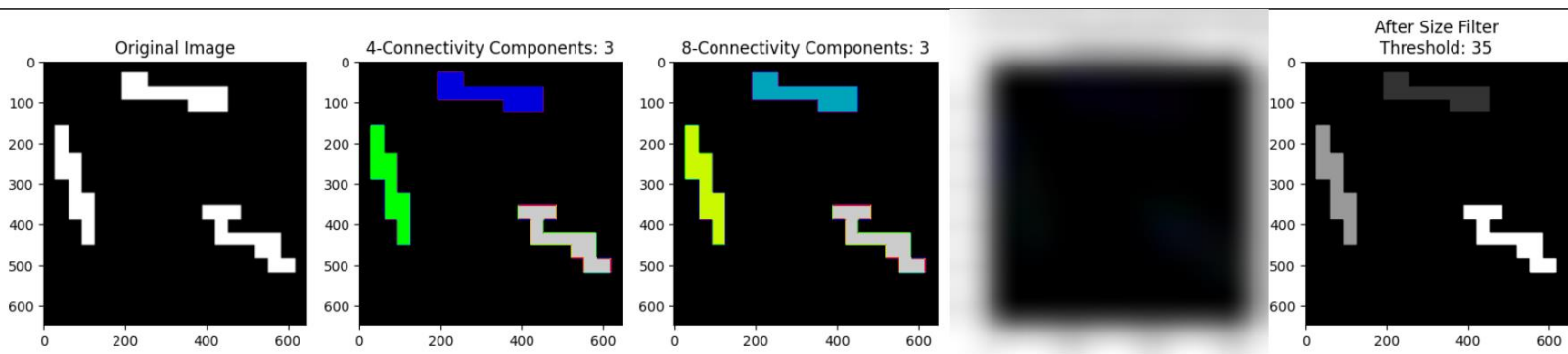## Use instructions:

- "image_path" input image path, "min_val" & "max_val" min and max intinsity levels, "size_threshold" for size filter. You can change these values in the code as you wish.

- The output will always be 5 images, first one is the original.

- You should input a binary image for task 1, 2 and 4, the correct output is "4-Connectivity" & "8-Connectivity" & "After Size Filter" pictures, ignore all other output pictures.

- You should input a grayscale image for task 3, the correct output is "4-Connectivity with Intensity Range" picture, ignore all other output pictures.
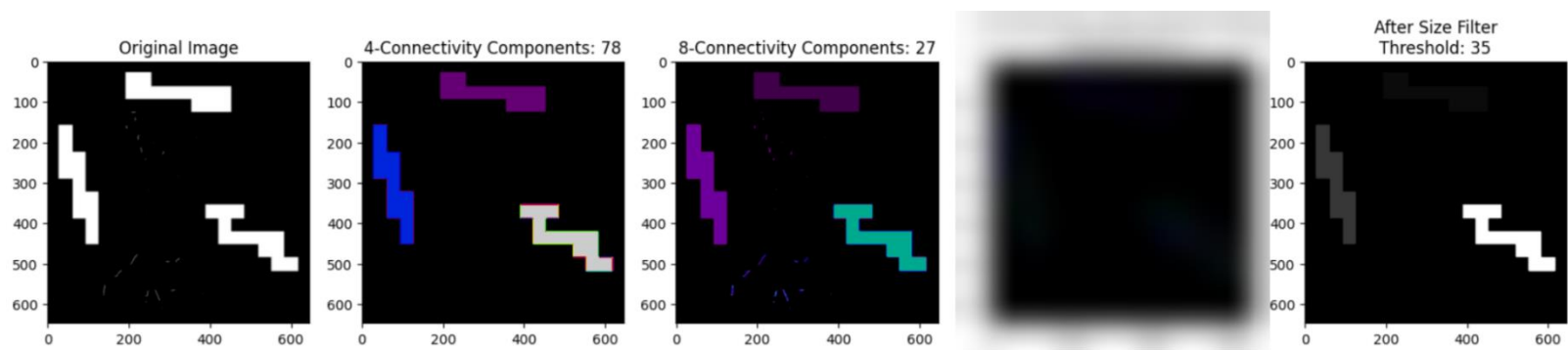

Code on Google Colab (You can also find the code in the txt file):

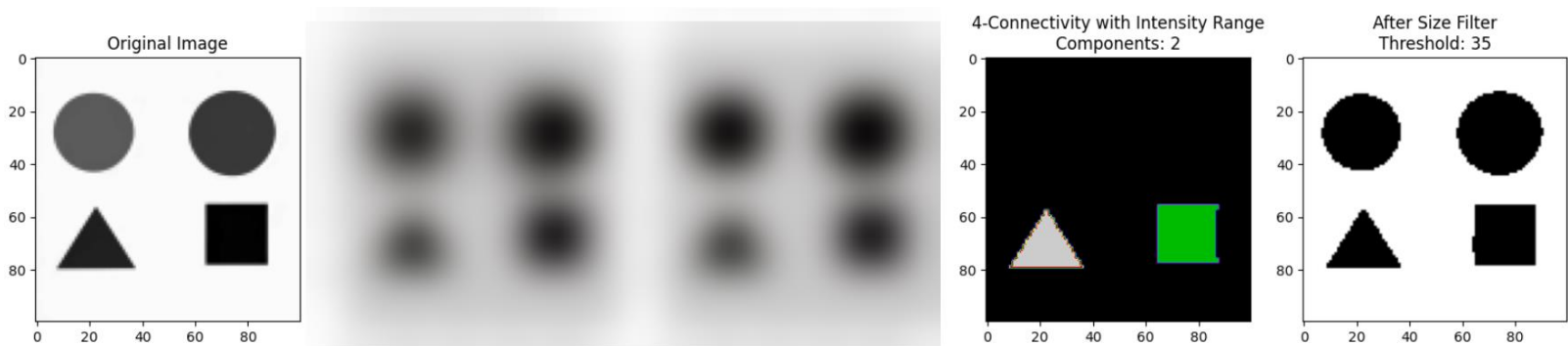https://colab.research.google.com/drive/13LPb8rkMeyVB_jt-OeP-EE7dT9_AQRUB?usp=sharing

Input: Binary image without noise.

Input: Binary image with noise.

Input: Gray image.

Thank you :)