

Report

B06902071 資工四 賴億泓

Part1:

(a) Upside-down



(b) Right-side-left



(c) Diagonally flip



Part2:

(a) Rotate lena.bmp 45 degrees clockwise

Use OpenCV function(`getRotationMatrix2D`) to rotate.



(b) Shrink lena.bmp in half

Use OpenCV function(`resize`) to shrink.



(c) Binarize lena.bmp at 128 to get a binary image

Use two for-loop to deal with all the pixels.

If pixel ≥ 128 , set the pixel to 255.

Else if pixel < 128 , set the pixel to 0.

