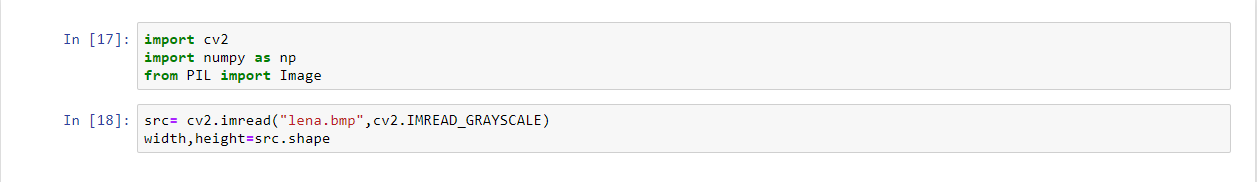
Computer Vision HW#1

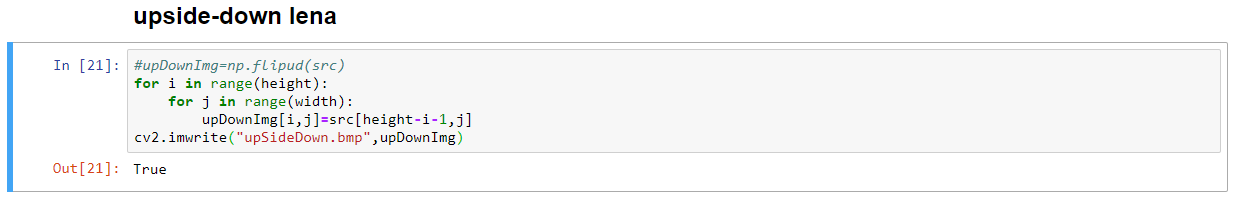
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Part 1.

Import cv2 and numpy for basic image I/O



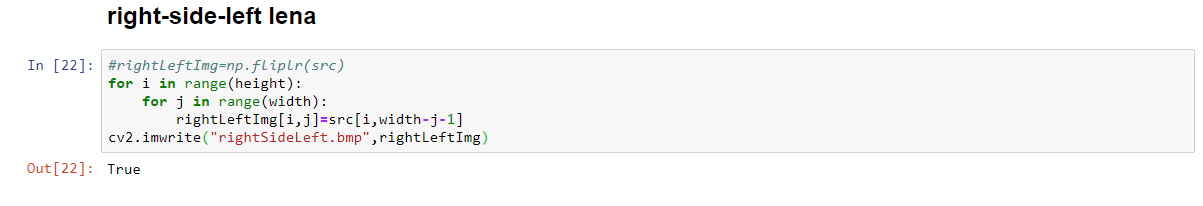
1. upside-down lena.bmp



Result:



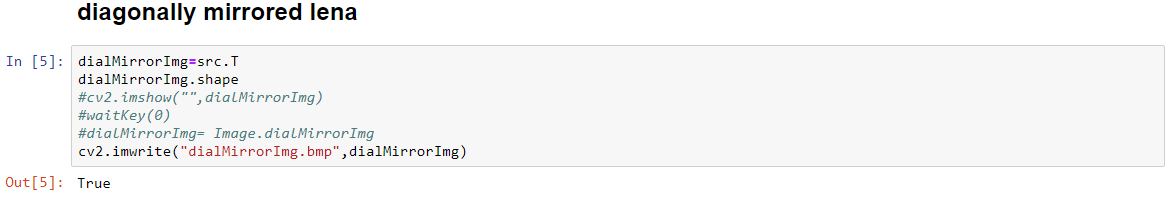
1. right-side-left lena.bmp



Result:



1. diagonally mirrored lena.bmp



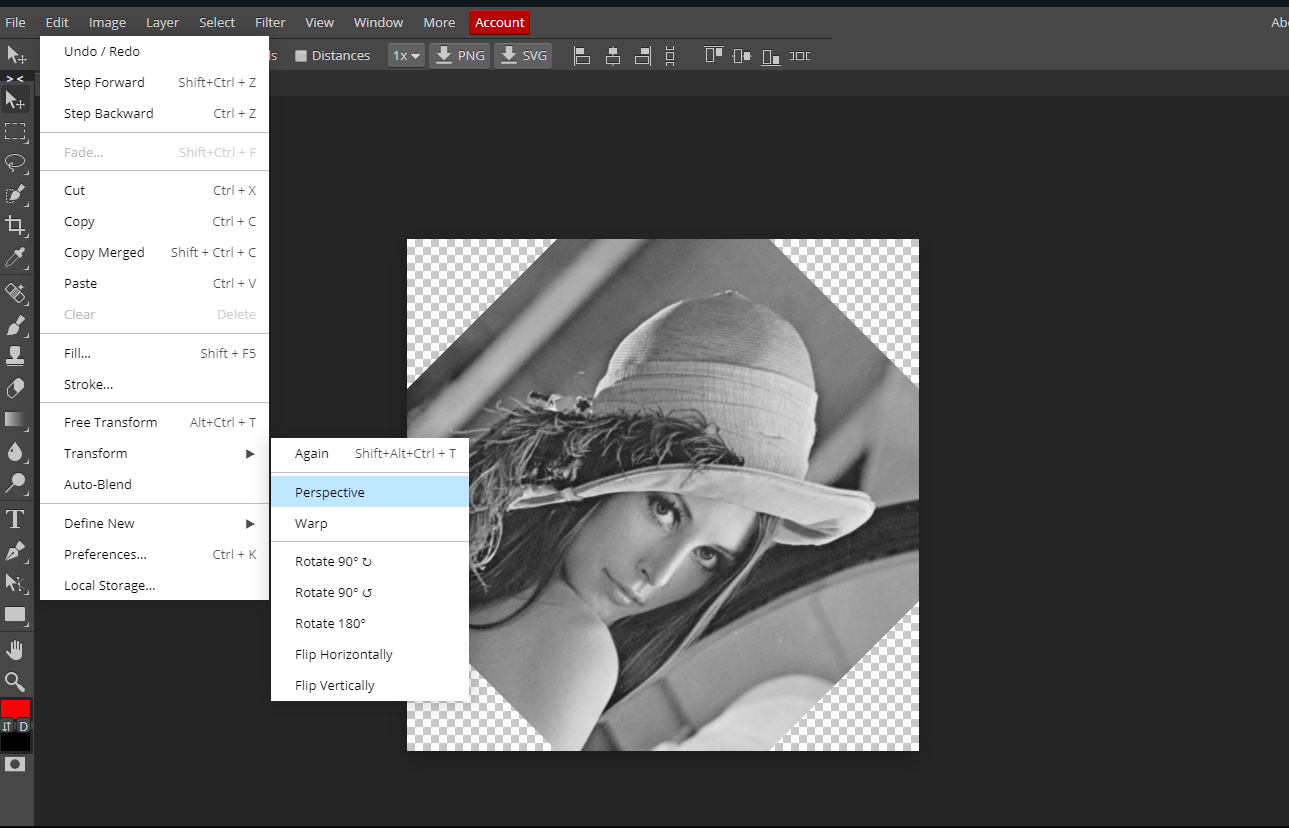
Result:



Part 2.

Use Photopea to get the requirement

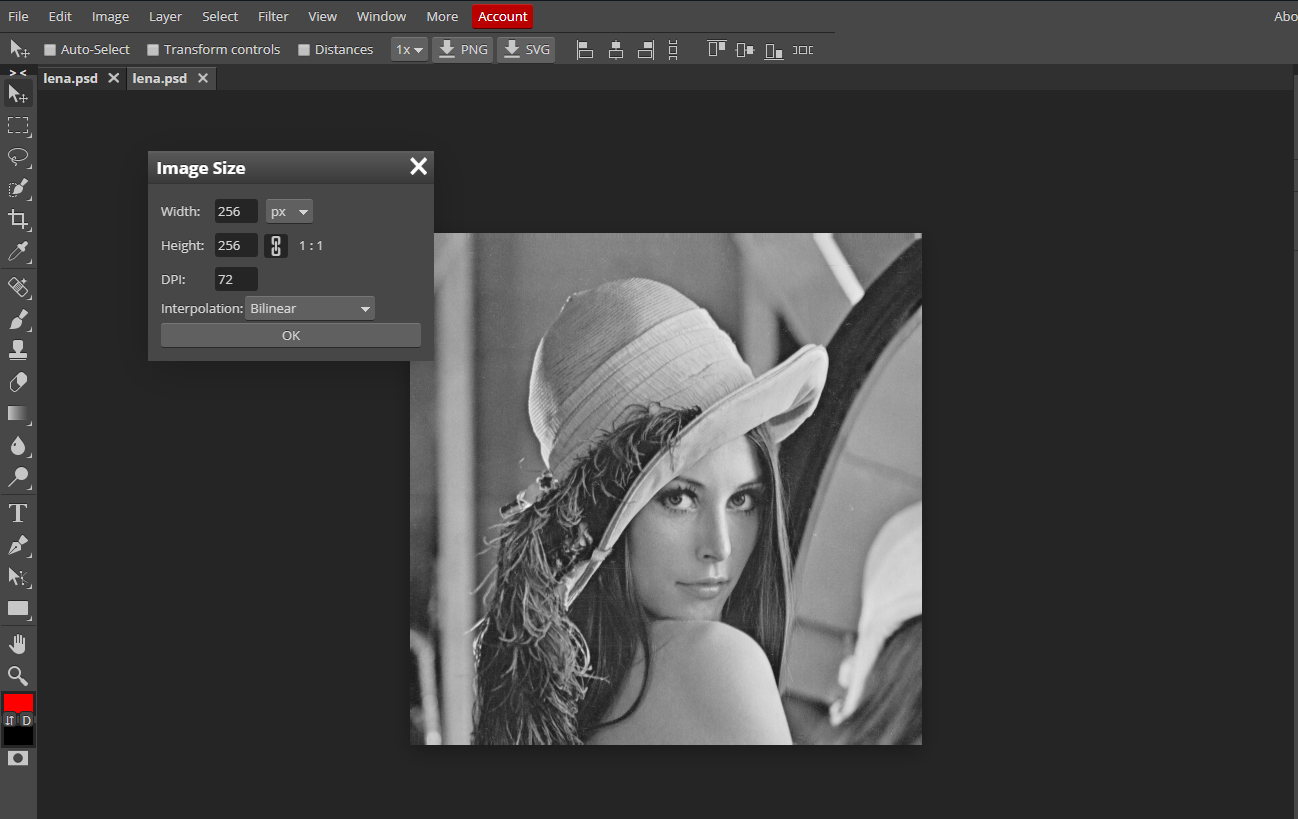
1. rotate lena.bmp 45 degrees clockwise



Result:



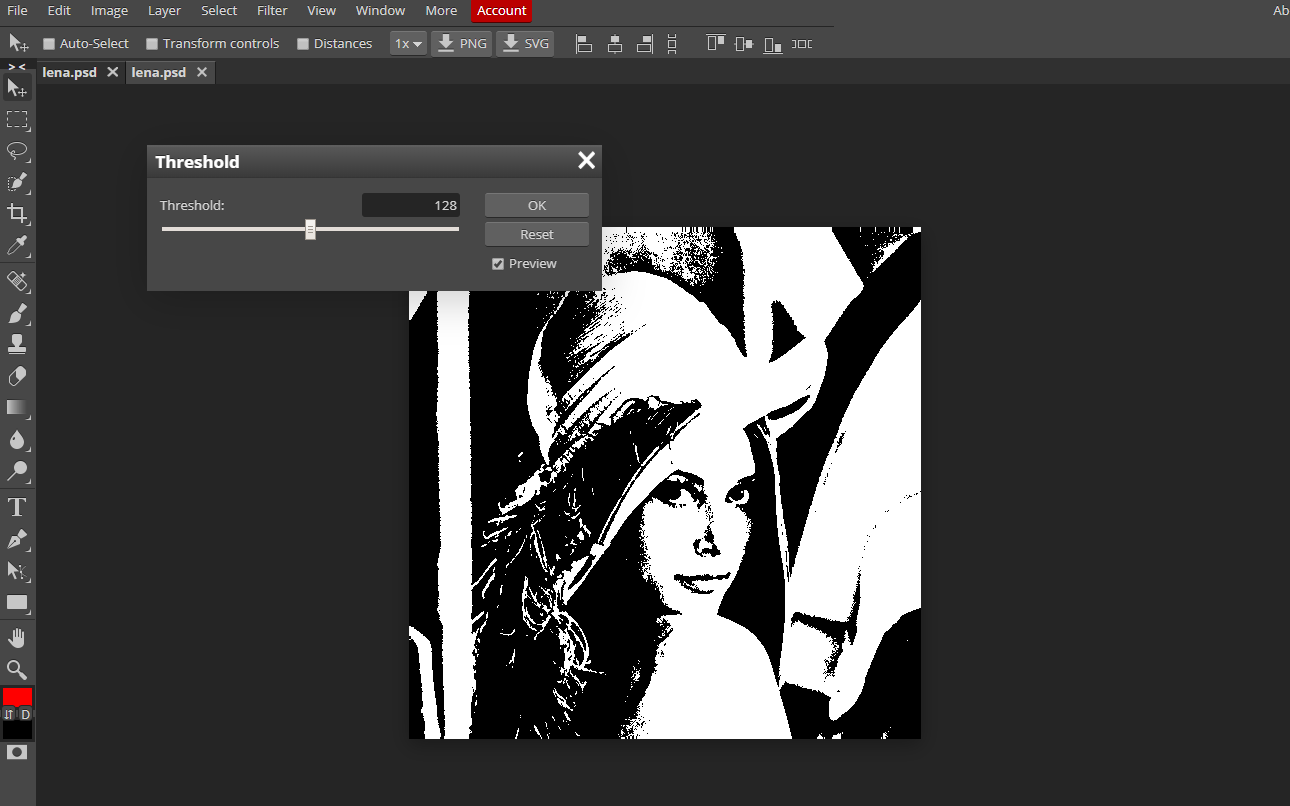
1. shrink lena.bmp in half



Result:



1. binarize lena.bmp at 128 to get a binary image



Result:

