✦ For a grayscale input image, write a code that;

1. flips the image vertically

2. flips the image horizontally

3. rotates the image 90 deg counterclockwise

4. rotates the image 90 deg clockwise

5. resizes the image to the half by keeping the aspect ratio

6. applies negative transformation on the image

7. applies gamma transformation on the image

8. computes the histogram of the image