Handson 1

CIE5141 Computer Vision in Construction
R09521608 蔡瑋倫

1-1-1.(15%) Please specify the color space and shape of given image.

Color space =
Shape =

1-1-2.(15%) Please show the pixel value of (222, 222).

Pixel value of (222, 222) =

1-2-1.(15%) Please specify the shape of `image_gray`

Shape =

1-2-2.(15%) Please show the output image of `image_gray`

1-3.(40%) Please make the `image_gray` brighter and darker, and show these 2 images.

Brighter
Darker

1-4.(Bonus, 25%) Please rotate the image by 45 degrees without any package and show the output image.