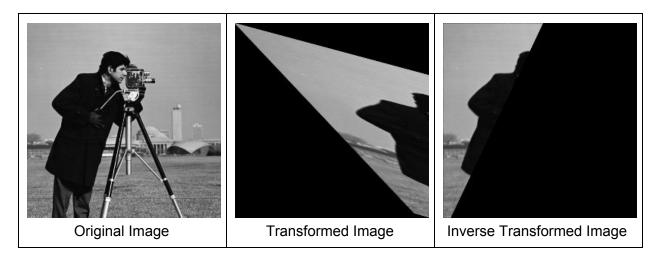
Q1b.

Firstly i calculated L, which is $2^{BitDepth}$ Calculate CDF from given PDF. Using transformation function (L-1)xCDF(r_i), I calculated new pixel intensity.

Q4.



Some portion of the image is not captured if we use same input-output size of the image. I observed that on increasing the size of the output matrix, more pixels are present in Transformed image.