Aim:

To obtain histogram equalization for n image.

Code:

path = fullfile(matlabdrive,'img', '\*.jpg')

destination = fullfile(matlabdrive,'image')

df = imageDatastore(path)

i = 1

while hasdata(df)

imgs = read(df)

j = histeq(imgs)

outputFileName = fullfile(destination,['modified' num2str(i) '.jpg'])

imwrite(j,outputFileName)

i = i+1

End

Input Sample:





Output Sample:



