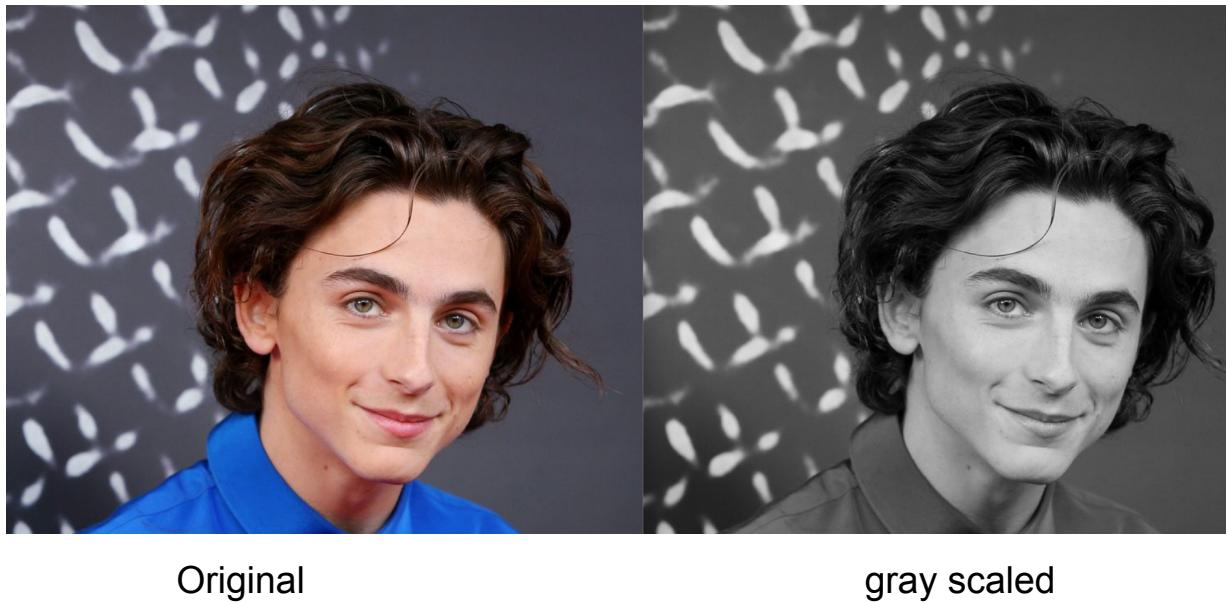


Image Cartoonizer



1) Generating a black-and-white sketch



Original

gray scaled

1.1) Noise Reduction Using Median Filter



With median filter

gray scaled

1.2) Edge Detection Using Laplacian Filter



1.3) Edges Thresholding



Black and white sketch

2) Applying Bilateral Filter

3) Final output

