

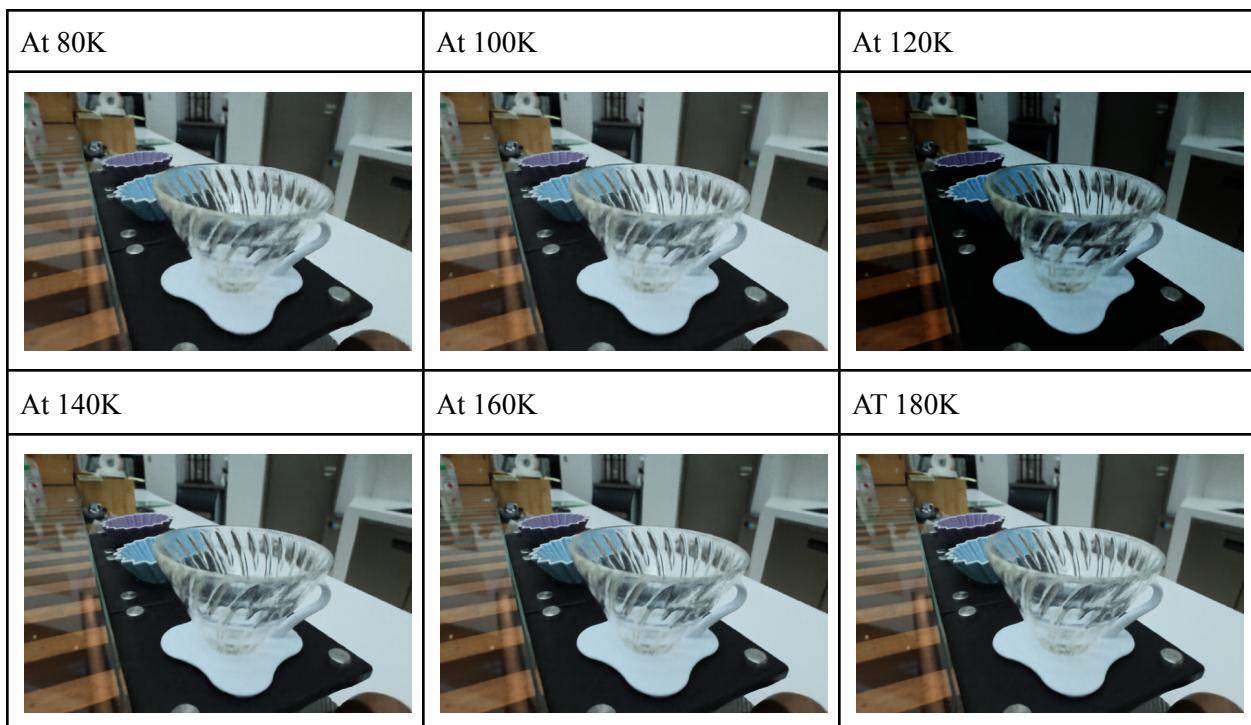
Progress Report

This report summarizes the development of the project during the 8th Week (1/08/22-7/08/22)

The algorithm was trained on a dataset consisting of pictures of mannequins, birds, and glasswares. It is evident from the images illustrated below that the algorithm was able to effectively eliminate the blurry patterns. The sharpness was restored to the images after 60K iterations in case of the birds and the mannequin and at 200K iterations for the glassware respectively.

Please note, these images are part of the dataset provided by the original authors of the paper.





General Observations

1. Although the algorithm is successfully able to get rid of the blurry patterns, it doesn't work with the uniform blurry patterns and gaussian blur.
2. The PSNR score is noted to be 36.965 for approximately 100K iterations.

Limitations

1. The images shown below were created by the algorithm after training it on my own dataset. One of the possible reasons for the grainy images can be improper calibration of the images ,i.e., camera poses were not correctly defined in the code.

