Instructions for running the code:

Navigate to the folder containing the code files and from the cmd/ terminal, type:

For Question 1:

python Cv\_Proj1\_Q1.py 0.2 0.2 0.8 0.8 flower.jpg flowerOut\_Q1.jpg

python Cv\_Proj1\_Q1.py 0.2 0.2 0.8 0.8 horses.jpg horsesOut\_Q1.jpg

For Question 2:

python Cv\_Proj1\_Q2.py 0.2 0.2 0.8 0.8 flower.jpg flowerOut\_Q2.jpg

python Cv\_Proj1\_Q2.py 0.2 0.2 0.8 0.8 horses.jpg horsesOut\_Q2.jpg

? How did I handle the divide by zero situations ?

1. In such situations, I pre-assigned them to 0, and then reassigned them by putting the condition that if the denominator is not 0, then what values would the affected variables take.

? Situations where the image looked bad ?

1. I usually tried the window 0.2 0.2 0.8 0.8, which was mostly the center of the image. However, when I made the entire image as a window, i.e. 0 0 1 1, the color of the output image became quite dark, some people might not like this photo effect. But, according to me, it made the image quite sharp with distinct borders.