

HOMework 3

ECE 515

IMAGE ANALYSIS COMPUTER VISION 2

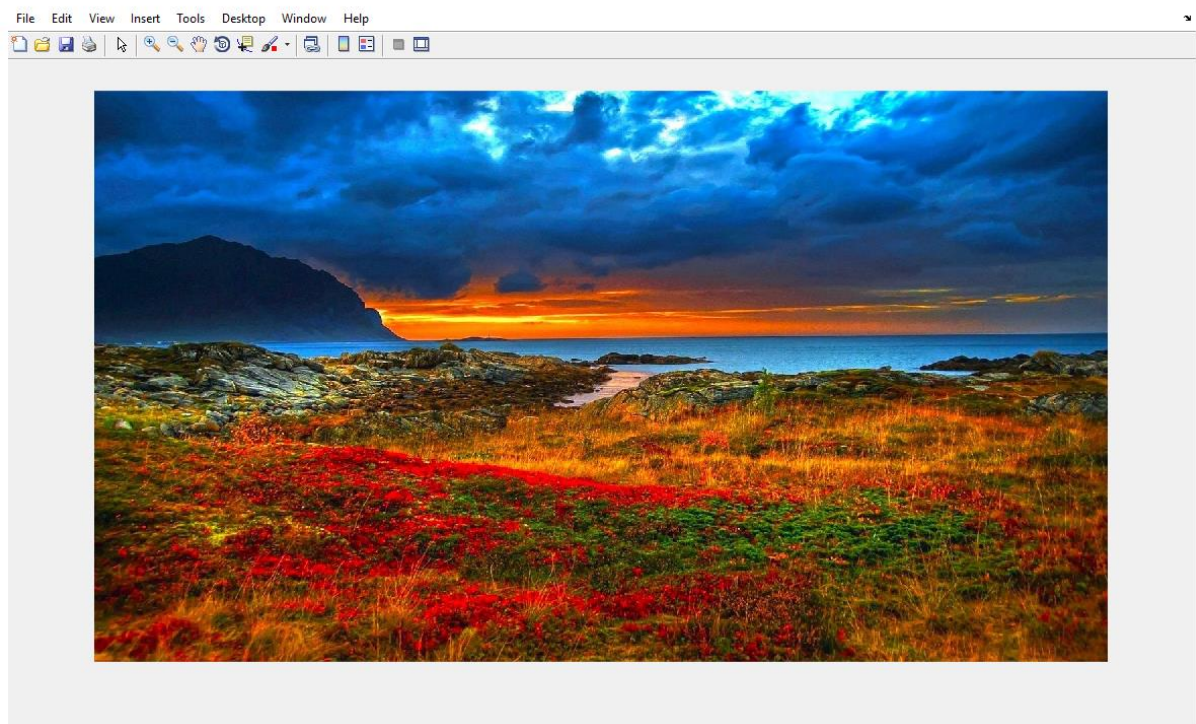
ANIMESH JAIN

UIN :- 669653208

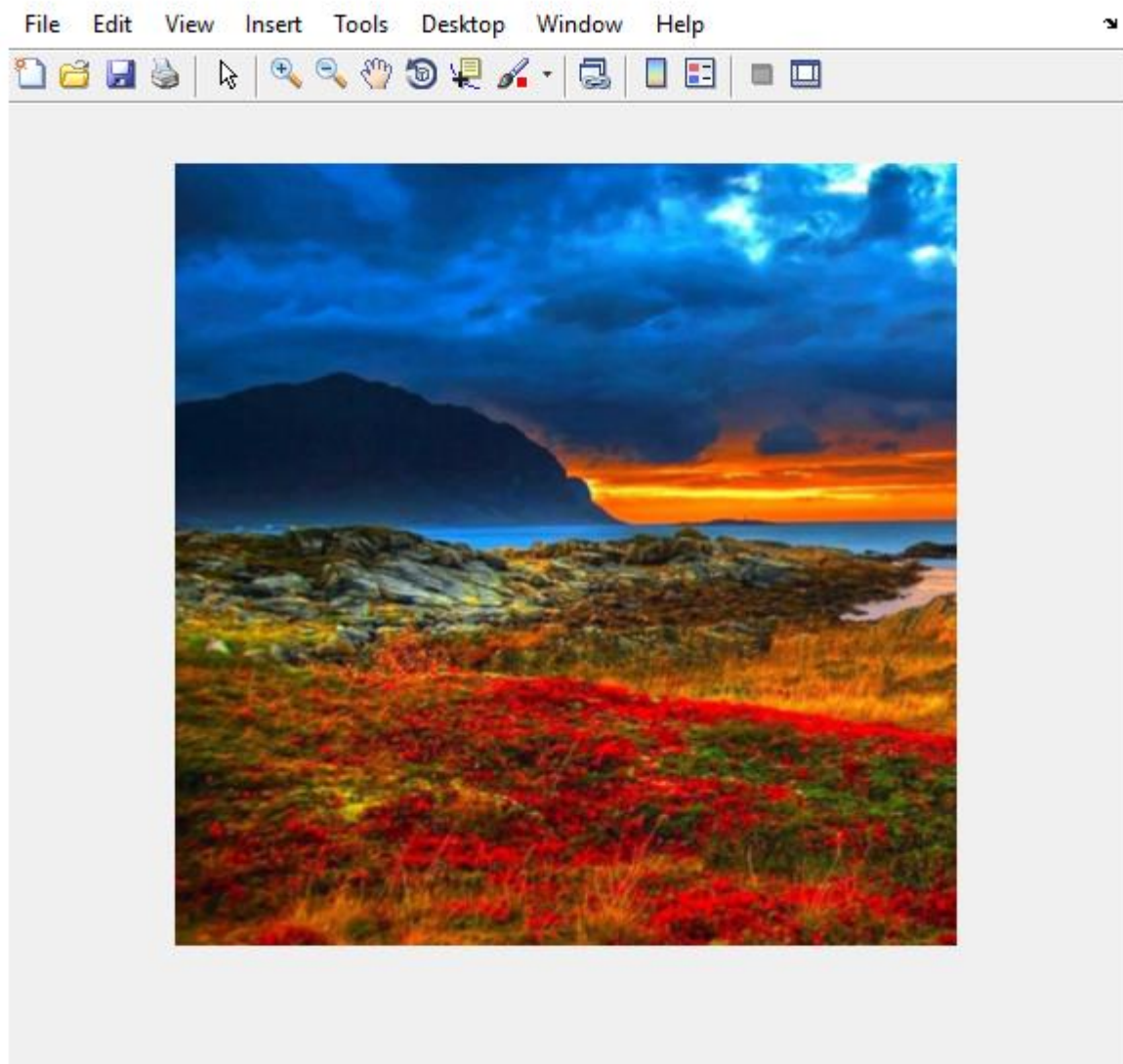
[ajain65@uic.edu](mailto:ajain65@uic.edu)

Solution 1

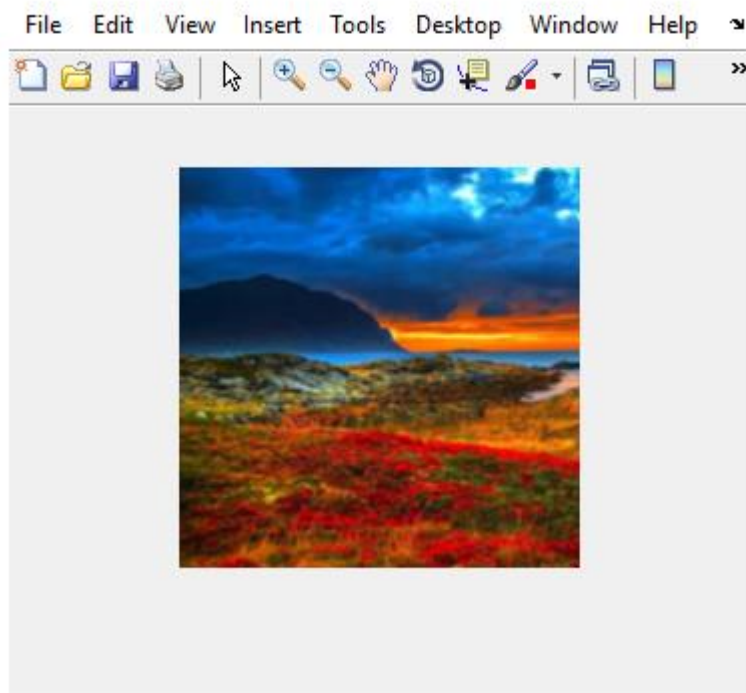
Original image



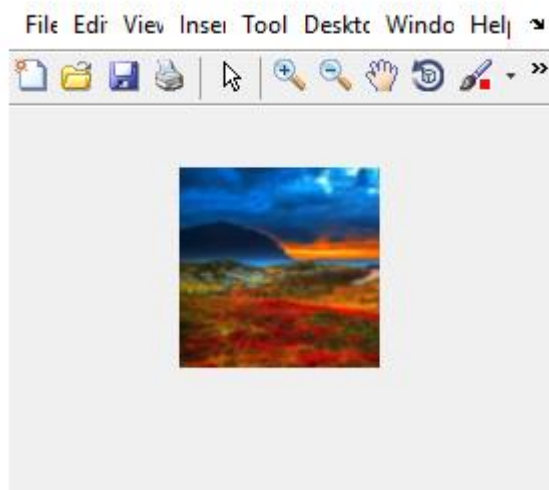
## Level 1



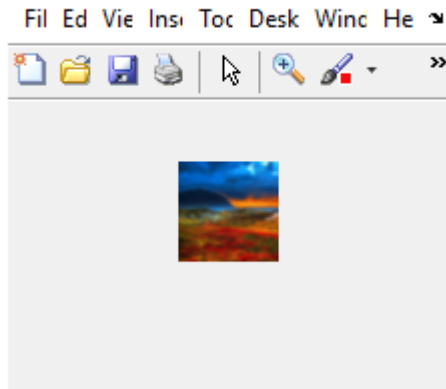
## Level 2



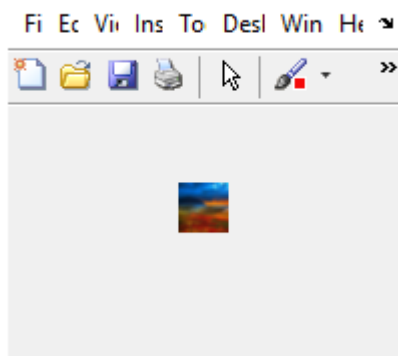
## Level 3



## Level 4

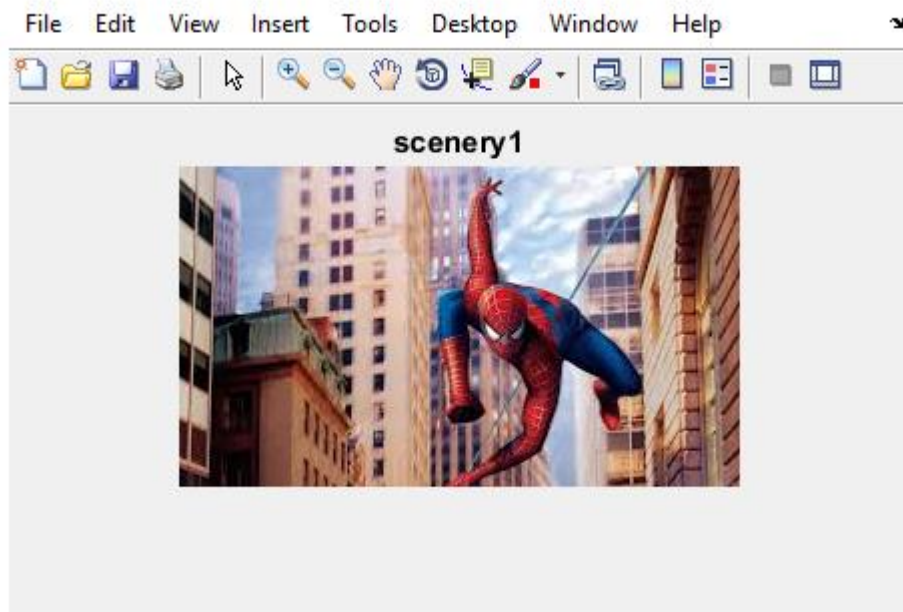


## Level 5

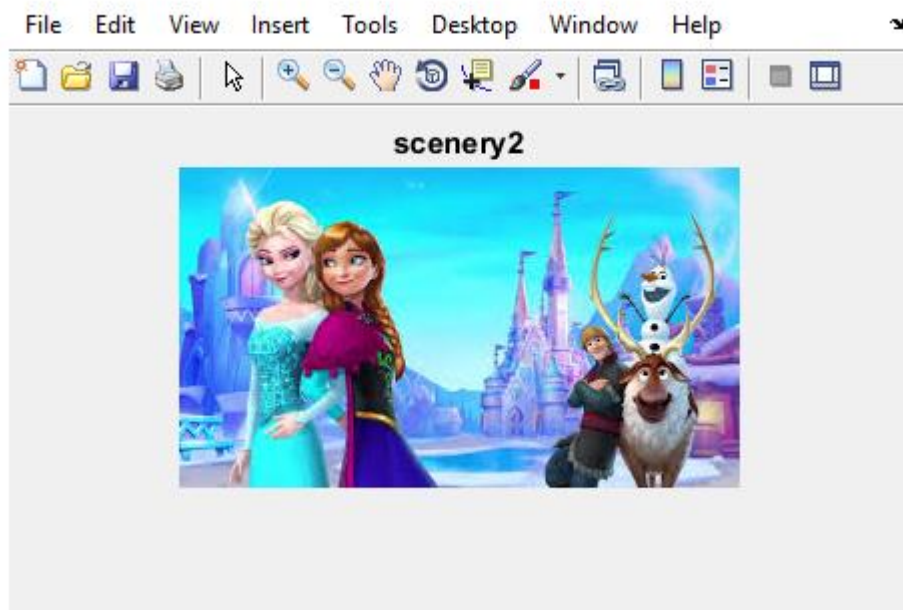


## Solution 2

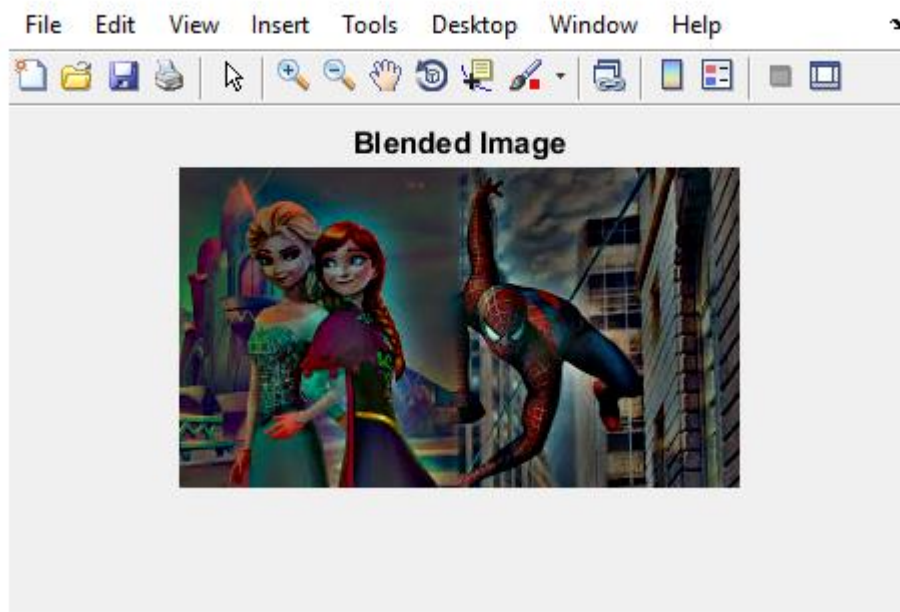
### Original Image 1



### Original Image 2



## BLENDED IMAGE



Each level of Laplacian gaussian reduction smoothens the image more. We also apply the gaussian reduction to the binary mask so that the blending gets smooth. Further we take the weighted sum of the two images after applying the mask to the respective images. This way we get the better blending.