Name: Fernando I.A.M.D.

Index No.: 190172K

GitHub Link :

* Question 1
* Question 2

A picture containing text, light, dark, night

Description automatically generatedText

Description automatically generated

Here the 4 points of the source image to be warped is taken as the four corner points of the image because the full image is used for warping.

Target points on the destination image to warp the source image is selected by mouse clicking.

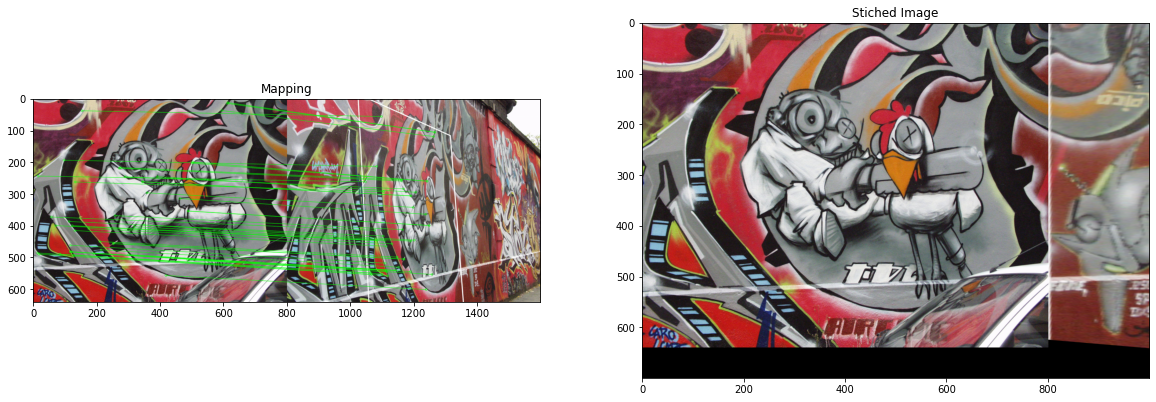
Then by using the findHomography function the homograph is found.

To warp the homographed images warpPerspective function is used. Superimposition/Blending is done using addWeighted function.

Here number of source points and target points should be equal. Also, the order of selecting points should be same in both images.

To find the homograph, findHomography function has few methods. By default it uses least squares method. We can also use RANSAC method.

* Question 3

Text

Description automatically generated