

# Visual Recognition

## Progress Report

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### Task1

I have completed 2a of assignment-2. In this assignment we have to click some pictures of a landmark from different viewpoints and stitch them together to create panoramic photograph. I have used open cv functions like sift\_create(), findHomography() , warpPerspective() to complete the assignment.

- 1) I have used the sift operator to extract the key points and descriptors.
- 2) Have used BFMatcher() function to find best matches for each descriptor in the other image.
- 3) Have filter out the outliers from the above obtained matches.
- 4) Have aligned the images using findHomography function.
- 5) The last step is to stitch the the images which is done using warpPerspective()



Left image



Right image

