CS 6375

Assignment 4 – Part III

Names of students in your group:

Ankita Patil (asp160730)

Abhilash Gudasi (abg160130)

Number of free late days used: 0

Please list clearly all the sources/references that you have used in this assignment.

<https://docs.opencv.org/3.1.0/d1/d5c/tutorial_py_kmeans_opencv.html#gsc.tab=0>

We have used **K-means** algorithm for image segmentation

Language used: Python

Libraries used: opencv, numpy

**Compile and Run Instructions**:

Commands to run:

--> ImageSegmentationUsingKMeans.py <Path to Image1> <Path to Image2> <Path to Image3>

Example commands:

1. python ImageSegmentationUsingKMeans.py image1.jpg image2.jpg image3.jpg

The clustered images are stored in clusteredImages folder.