Language used:

Python 2.7.6

Packages Used:

sklearn

numpy as np

cv2

os

Parameters Used:

Number of clusters = 6

How to run the code:

1) Install all the packages used.

2) Open Terminal.

3) cd to the folder where the file reduce.py is stored.

4) Run the file using the command – ‘python reduce.py’.

This will create a folder called clusteredImages which contains the images with reduced color points.