VIT
Vellore Institute of Technology
(Deemed to be University under section 3 of UGC Act, 1956)

CSE3018 CONTENT BASED IMAGE AND VIDEO RETRIEVAL LAB
EXERCISE - 6

DATE: 08.09.2021

1. Derive the color coherence vector of the given image.
    a. Read the colour image
    b. Convert into grayscale
    c. Quantize the image for 16 levels.
    d. Find out the maximum and minimum patch size. Choose an in-between value as the threshold value.
    e. Keeping that as the threshold value, find out the coherent and non-coherent values.
    f. Provide the 3-column vector as the output.
2. Reference : https://owlcation.com/stem/Image-Retrieval-Color-Coherence-Vector
3. https://www.google.com/url?sa=t&rct=j&q=&esrc=s&source=web&cd=2&ved=2ahUKEwii8NyshqLkAhVKKo8KHZg8BksQFjABegQIAxAC&url=https%3A%2F%2Fwww.cs.cornell.edu%2F~rdz%2FPapers%2FPZM-MM96.pdf&usg=AOvVaw3fA6Kj5f8nL6HTaubblh90
4. Implement a CBIR using these features and City Block distance metric.