Department of Computer Science and Engineering

National institute of Technology calicut

CS4043 IMAGE PROCESSING
ASSIGNMENT- 3

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Compression

- Apply JPEG compression and reconstruction to an 16x16 block of the given image.

Output Required

- Create ASSIGNMENT3.tar file containing code.
  $ASSG < number > \_ < rollnumber > \_ < firstname > . < extension >$

- Algorithm in a Text file.

- Image after each step of compression.

- Image after reconstruction.

- Threshold some coefficients and reconstruct the image.

- Comment about picture quality at different levels of thresholding. (Documentation required).