

Image Processing

**ECE 4367 / ECE 5367
Fall 2019**

Project 1

Write a Matlab script that can automatically detect which of the images in the provided archive were taken during daytime and which were taken at night.

1. Your code must process a directory of input images in its entirety.
2. For each file in the directory, your code is to display the image with the caption “day” or “night”, pause for a keyboard input, and process the next image similarly until no files remain.
3. The only input to your code must be the path to the directory.

You are to work in groups of 2 and turn in a single submission.

Upload a paragraph and/or a flowchart of your approach and a single m-file to Blackboard no later than midnight on 09/19/19.