

Image Processing

ECE 4367 / ECE 5367

Project 1

Write a 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.

Upload a flowchart of your approach and a single source file to Blackboard before the deadline.

Be sure to name files as Lastname_Firstname_P#.*