Task 1 - Image Processing

The objective of this task is to help you understand thoroughly how to use image processing to interpret the given images and extract useful information. Please note that you need to learn the concepts in a self-learning mode; using the resources that are provided and/or other resources. You may find this self-learning mode intimidating initially but you will soon fall in love with it and will find it very useful in your academic and professional life.

Please find following folders within the folder that contains this Read Me file.

1. Resources: You will find *Reading_Material.pdf* file in this folder. This file consists of pointers to relevant tutorials

2. Experiment: Please find the Task1_Description.pdf file in this folder. This file contains a description of the task and the problem statement.
   - The teams are expected to understand the problem and use image processing to find a solution
   - The solution must be in the form of a Python script file (.py). Teams must modify a given code snippet to solve a problem

Submission Instructions:
The teams must upload their solutions as follows:

- Please save the modified code file in the folder Task_1.
- Compress the folder into zip format. Upload the Task_1.zip as per instructions on the Portal Interface
- The deadline for uploading the solutions to Task 1 is given on portal.

Warning:

- IMPORTANT: The document you submit should be YOUR work in YOUR WORDS. To avoid any copyright violations, you must NOT copy phrases directly from manuals or web.
- The team should NOT mail or upload the document anywhere else, except on the portal.
- Teams failing to submit the document by the deadline will lose the marks for this task.
- e-Yantra WILL NOT entertain any request for extension of deadline for uploading the task.
- e-Yantra holds complete discretion to disqualify a team if any foul play is suspected.