Welcome to Task 0
The aim of this task is to setup your team for further tasks in the competition. We will use
Python programming language henceforth and thus, makes sense get your team acquainted
with the same. This task specifically includes installing Python and relevant libraries and get
your team comfortable with basics of image/video processing in Python.

Directory Structure
All the sub-tasks will be auto-graded and thus, maintaining the directory structure while
submitting is crucial. Remember that any alteration in the directory hierarchy or name of pre
existing files will result in 0 marks for that question and/or invite penalty marks. On the other
hand, you can add extra folders/files you need for coding, reference, etc. but make sure to
NOT alter the pre-existing directory hierarchy.

Please find the following folders within the folder that contains this READ ME file.

• Task0.1
This sub-task focuses on installing Python and other required libraries. This folder
contains 3 sub-folders.
o Task Description
This folder contains the complete procedure to install latest version of Python
and required libraries on your system.
o Test Setup
This folder contains the Python code to validate and check if all the libraries
are of standard version.
o Tutorials
It contains a document named "References.pdf" for self-help on of Python and
OpenCV.

• **Task0.2**

This sub-task focusses on getting acquainted with basic tasks of image and video
processing. This folder contains 2 sub-folders.

- **Image Processing**
  - ■ **Codes**
    Contains the program file main.py
  - ■ **Generated**
    This folder is where you'll save the images/results from your task.
  - ■ **Images**
    This folder contains images you will require for Image
    Processing task
    • bird.jpg
    • cat.jpg
    • flowers.jpg
    • horse.jpg
  - ■ **Task Description**
    Contains Task Description.pdf file which describes the overall
    subtask.
- **Video Processing**
  - ■ **Codes**
    Contains the program file main.py
  - ■ **Generated**
    This folder is where you'll save the images/results from your task.
  - ■ **Videos**
    This folder contains a video that you will require for Video
    Processing task
    • RoseBloom.mp4
  - ■ **Task Description**
    Contains file Task Description.pdf file which describes the overall
    Subtask.