



# VISION AI TASKPAHSE

REFER TO THE FOLLOWING DOCUMENTATION AND VIDEO FOR COMPLETING THE TASK:

## OPENCV:

Core operation:

[https://docs.opencv.org/master/d7/d16/tutorial\\_py\\_table\\_of\\_contents\\_core.html](https://docs.opencv.org/master/d7/d16/tutorial_py_table_of_contents_core.html)

Image Processing:

[https://docs.opencv.org/master/d2/d96/tutorial\\_py\\_table\\_of\\_contents\\_imgproc.html](https://docs.opencv.org/master/d2/d96/tutorial_py_table_of_contents_imgproc.html)

<https://www.youtube.com/watch?v=Z78zbnLIPUA&list=PLQVvvaa0QuDdtJXILtAJxJetJcqmqIQq>

Submit the following task after completing aforementioned documentation :

1. Find the dominating color in the image
2. Motion Detection [ Which Detects Any Motion in Webcam or Video]
3. Hand Gesture Recognition [ identify the following signs: up, down , left , right,]

