

IVP Lab Assignment 1**Date- 01.08.2024****Instructions:**

All the students are required to complete the lab assignment and upload it in the classroom. Assignment would be considered for evaluation only if the student is present in the lab.

Upload your solution, named as {rollno}_A1

1. Write a MATLAB script to perform basic arithmetic operations (addition, subtraction, multiplication, and division) and display the results.
2. Write a MATLAB script to read an image from your computer and display it.
3. Write a MATLAB script to read an image, convert it to grayscale, and plot both the original and grayscale images side by side.
4. Write a MATLAB script to read an image and plot its histogram.
5. Write a MATLAB script to read an image, rotate it by 45 degrees, and display the rotated image.