Experiment Procedure Documentation

INTRODUCTION :

The experiment is design to understand and learn the image arithmetic concepts. This experiment consists five parts:

1. Image addition
2. Image Subtraction
3. Image Difference
4. Image Multiplication
5. Image Division

STEPS TO RUN THE EXPERIMENT :

STEP 1: Select an image from the images in the image grid.

STEP 2: Select secondary image by choosing either of the 'dull' , 'bright' or 'gradient' images.

STEP 3: Select one option from 'addition', 'subtraction', 'difference', 'multiplication' and 'division'.

STEP 4: Select the one option from 'clipping' and 'auto-scaling'.

STEP 5: Select run option to perform the operations. Output result will be displayed in the output layer.

INTERESTING OBSERVATIONS :

1. Do the Subtraction and Difference operations, and compare the results.
2. Do the Multiplication operation first with clipping and then with auto-scaling, and compare the results.