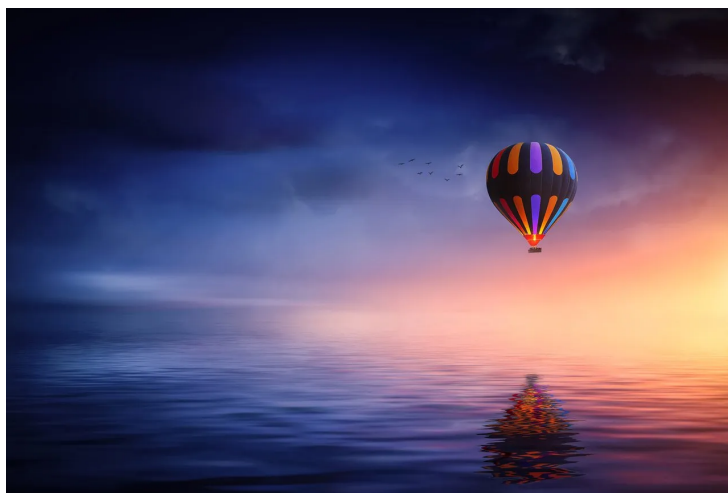


Lab-01

1. Using the following image, solve questions a - f.



- a) Read and show the image.
 - b) Show the matrix form of the image.
 - c) Show the pixel information by hovering the cursor on the image.
 - d) Find the value of the pixel (10, 78).
 - e) Show the size of the image.
 - f) Show the all the information of the image.
2. Using the following images, solve questions a - i.



RGB Image



Grayscale Image



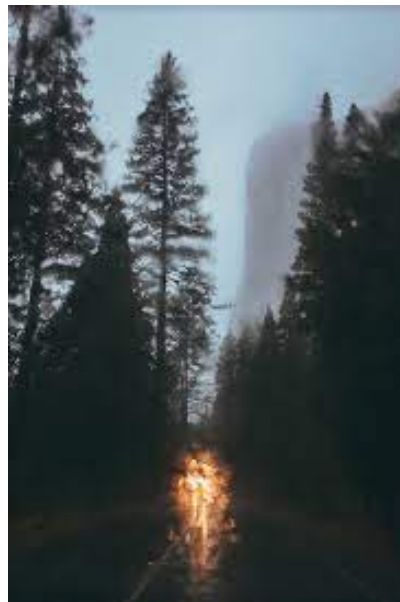
Indexed Image

- a) Read and show all three types of images (RGB, Grayscale, and Indexed).
- b) Turn the RGB image to Grayscale image.
- c) Turn the Indexed image to Grayscale image.
- d) Turn the Indexed image to RGB image.
- e) Convert the Grayscale image to a Binary image.
- f) Show the inverted form of that Binary image.
- g) Show the histogram of the Grayscale image.

- h) Invert the RGB image.
 - i) Blur the RGB image.
3. Create a complete black image of size 256 X 256.
 4. Create a complete white image of size 256 X 256.
 5. Adjust the contrast of the following image.



6. Brighten the following image



7. Quantize the Grayscale image by 8 levels.

