ITA0520 – Computer Vision For Image Analysis

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Experiment 6:

Perform basic Image Handling and processing operations on the image is to read an image in python and Convert an Image to erode using Erode function.

Code:

```
import cv2

import numpy as np

image = cv2.imread("Person.jpg")

gray = cv2.cvtColor(image, cv2.COLOR_BGR2GRAY)

kernel = np.ones((5, 5), np.uint8)

eroded = cv2.erode(gray, kernel, iterations=1)

cv2.imshow("Original Image", image)

cv2.imshow("Grayscale", gray)

cv2.imshow("Eroded Image", eroded)

cv2.waitKey(0)

cv2.destroyAllWindows()
```

Input:

Output: