ITA0520 – Computer Vision For Image Analysis

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Experiment 8:

Perform basic Image Handling and processing operations on the image is to read an image in python and Dilate an Image using Dilate function

Code:

```python
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)
dilated = cv2.dilate(gray, kernel, iterations=1)
cv2.imshow("Original Image", image)
cv2.imshow("Grayscale", gray)
cv2.imshow("Dilated Image", dilated)
cv2.waitKey(0)
cv2.destroyAllWindows()
```

Input:

Output: