5. Perform basic Image Handling and processing operations on the image• Read an image in python and Erode an Image using erode function

Program

import cv2  
import numpy as np  
kernel = np.ones((5,5),np.uint8)  
print(kernel)  
path = "C:/Users/sidda/OneDrive/Desktop/py/pexels-eberhard-grossgasteiger-534164.jpg"  
img =cv2.imread(path)  
imgGray = cv2.cvtColor(img,cv2.COLOR\_BGR2GRAY)  
imgBlur = cv2.GaussianBlur(imgGray,(7,7),0)  
imgCanny = cv2.Canny(imgBlur,90,180)  
imgDilation = cv2.dilate(imgCanny,kernel , iterations = 10)  
imgEroded = cv2.erode(imgDilation,kernel,iterations=2)  
cv2.imshow("Img Erosion",imgEroded)  
cv2.waitKey(0)

output

