1. **Morphological operations based on OpenCV using Opening technique.**

**Aim:**

To perform morphological operations based on open cv using opening technique.

**Code:**

import cv2

import numpy as np

img = cv2.imread(r"C:\Users\prith\Documents\CV\cvimage.jpg", cv2.IMREAD\_GRAYSCALE)

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

opening = cv2.morphologyEx(img, cv2.MORPH\_OPEN, kernel)

cv2.imshow("Original", img)

cv2.imshow("Opening", opening)

cv2.waitKey(0)

cv2.destroyAllWindows()

**Input:**



**Output:**

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**Result:**

The python code to perform morphological operations based on open cv using opening technique has been executed successfully.