CODE: import cv2

import numpy as np

image = cv2.imread(r"C:\Users\harik\Downloads\CV LAB\MOUNTAIN.jpeg")

rows, cols, ch = image.shape

pts1 = np.float32([[50, 50], [200, 50], [50, 200]])

pts2 = np.float32([[10, 100], [200, 50], [100, 250]])

matrix = cv2.getAffineTransform(pts1, pts2)

transformed_image = cv2.warpAffine(image, matrix, (cols, rows))

cv2.imshow("Original Image", image)

cv2.imshow("Affine Transformed Image", transformed_image)

cv2.imwrite("affine_transformed.jpg", transformed_image)

cv2.waitKey(0)

cv2.destroyAllWindows()

OUTPUT: