9. Perform Rotation of an image to clockwise and counter clockwise direction.

Program

import cv2  
  
image\_path = "C:/Users/sidda/OneDrive/Desktop/py/Mario-Sparks-of-Hope-4K-Ultra-HD-Mobile-Wallpaper-950x1689.jpg"  
image = cv2.imread(image\_path)  
  
angle\_clockwise = 90  
rotated\_clockwise = cv2.rotate(image, cv2.ROTATE\_90\_CLOCKWISE)  
cv2.imshow("Clockwise Rotated Image", rotated\_clockwise)  
cv2.waitKey(0)  
cv2.destroyAllWindows()  
  
angle\_counterclockwise = 90  
rotated\_counterclockwise = cv2.rotate(image, cv2.ROTATE\_90\_COUNTERCLOCKWISE)  
cv2.imshow("Counterclockwise Rotated Image", rotated\_counterclockwise)  
cv2.waitKey(0)  
cv2.destroyAllWindows()

output

