Code-Layout, Readability and Reusability

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| Date | 4 November 2023 |
| Team ID | NM2023TMID02691 |
| Project Name | How to create brand Promo Video using Canva |

Code

import cv2

# Open a video file

video\_capture = cv2.VideoCapture('your\_video.mp4')

# Check if the video file opened successfully

if not video\_capture.is Opened():

print("Error: Could not open video file.")

exit()

while True:

# Read a frame from the video

ret, frame = video\_capture.read()

# If the video has ended, break the loop

if not ret:

break

# Display the frame

cv2.imshow('Video', frame)

# Press 'q' to exit the video

if cv2.waitKey(25) & 0xFF == ord('q'):

break

# Release the video capture object and close the display window

video\_capture.release()

cv2.destroyAllWindows()

OUTPUT:

