

Code-Layout, Readability and Reusability

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:

Big

sale



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