Source Code :

```python
# Python program to Edge detection
# using OpenCV in Python
# using Sobel edge detection
# and laplacian method
import cv2
import numpy as np

# Capture livestream video content from camera 0
img = cv2.imread('baby_Hanumana.jpg')

    # Convert to HSV for simpler calculations
hsv = cv2.cvtColor(img, cv2.COLOR_BGR2HSV)

    # Calculation of Sobelx
sobelx = cv2.Sobel(img, cv2.CV_64F, 1, 0, ksize=5)

    # Calculation of Sobely
sobely = cv2.Sobel(img, cv2.CV_64F, 0, 1, ksize=5)

    # Calculation of Laplacian
laplacian = cv2.Laplacian(img, cv2.CV_64F)

cv2.imshow('sobelx', sobelx)
cv2.imshow('sobely', sobely)
cv2.imshow('laplacian', laplacian)
cv2.waitKey(0)
```

Output :