WORK SHOP-03: CANNY EDGE DETECTION

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AIM:

To perform Canny Edge Detection model through your laptop.

PROGRAM:

```
import cv2
import matplotlib.pyplot as plt
```

```
img = cv2.imread("C:\\Users\\admin\\Downloads\\yaazh.jpeg")
```

```
blurred =cv2.GaussianBlur(img, (5,5),0)
```

```
edges = cv2.Canny(blurred, 50, 150)
```

```
plt.figure(figsize=(10,5))
plt.subplot(121),plt.imshow(img, cmap='gray')
plt.title('Original Image'), plt.axis('off')
plt.subplot(122),plt.imshow(edges, cmap='gray')
plt.title('Detected Edges'), plt.axis('off')
plt.show()
```

OUTPUT:


Original Image
Detected Edges