

```
import cv2
import numpy as np
from google.colab import files
from google.colab.patches import cv2_imshow

uploaded = files.upload()
image_path = next(iter(uploaded))
image = cv2.imdecode(np.frombuffer(uploaded[image_path], np.uint8), cv2.IMREAD_COLOR)

gray = cv2.cvtColor(image, cv2.COLOR_BGR2GRAY)

blurred = cv2.GaussianBlur(gray, (5, 5), 1.4)

edges = cv2.Canny(blurred, threshold1=100, threshold2=200)

print("Original Image:")
cv2_imshow(image)

print("Canny Edge Detection Result:")
cv2_imshow(edges)
```



Choose Files i16.PNG

- **i16.PNG**(image/png) - 296076 bytes, last modified: 5/7/2025 - 100% done
Saving i16.PNG to i16.PNG
Original Image:



Canny Edge Detection Result:

