

Create Live Sketch

Using Python



```
1 import cv2
2 import numpy as np
3 def sketch(image):
4     img_gray = cv2.cvtColor(image, cv2.COLOR_BGR2GRAY)
5     img_gray_blur = cv2.GaussianBlur(img_gray, (5,5), 0)
6     canny_edges = cv2.Canny(img_gray_blur, 10, 70)
7     ret, mask = cv2.threshold(canny_edges, 70, 255, cv2.THRESH_BINARY_INV)
8     return mask
9 cap = cv2.VideoCapture(0)
10 while True:
11     ret, frame = cap.read()
12     cv2.imshow('Our Live Sketcher', sketch (frame))
13     if cv2.waitKey(1) == 13: #13 is the Enter Key
14         break
15     cap.release()
16     cv2.destroyAllWindows()
```

Output



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