!pip install opencv-python

Looking in indexes: https://us-python.pkg.dev/colab-wheels/public/simple/
Requirement already satisfied: opency-python in /usr/local/lib/python3.9/dist-packages (4.7.0.72)
Requirement already satisfied: numpy>=1.17.3 in /usr/local/lib/python3.9/dist-packages (from opency-python) (1.22.4)

import cv2
image = cv2.imread('/content/PIL.jpg')

import time
start = time.time()

INTERNAL MECHANISM OF MODEL

gray = cv2.cvtColor(image, cv2.COLOR_BGR2GRAY)
from google.colab.patches import cv2_imshow
cv2_imshow(gray)



invert = cv2.bitwise_not(gray)
cv2_imshow(invert)



blur = cv2.GaussianBlur(invert, (15, 15), 0)
cv2_imshow(blur)



invertblur = cv2.bitwise_not(blur)
cv2_imshow(invertblur)



sketch = cv2.divide(gray, invertblur, scale = 250.0)
cv2_imshow(sketch)



from google.colab.patches import cv2_imshow
cv2.imwrite('output.png', sketch)

True

#For time taken calculation

end = time.time()
print(end-start)

44.743003368377686