```python
In [1]:   import cv2
```

```python
In [11]:  image = cv2.imread(r'C:\Users\golu\Desktop\b3.jpg')
          cv2.imshow("b3", image)
          cv2.waitKey(0)
```

Out[11]: -1

```python
In [7]:   gray_image = cv2.cvtColor(image, cv2.COLOR_BGR2GRAY)
          cv2.imshow("New b3", gray_image)
          cv2.waitKey(0)
```

Out[7]: -1

```python
In [12]:  inverted_image = 255 - gray_image
          cv2.imshow("Inverted", inverted_image)
          cv2.waitKey()
```

Out[12]: -1

```python
In [14]:  blurred = cv2.GaussianBlur(inverted_image, (21, 21), 0)
```

```python
In [16]:  inverted_blurred = 255 - blurred
          pencil_sketch = cv2.divide(gray_image, inverted_blurred, scale=256.0)
          cv2.imshow("Sketch", pencil_sketch)
          cv2.waitKey(0)
```

Out[16]: -1

```python
In [ ]:
```