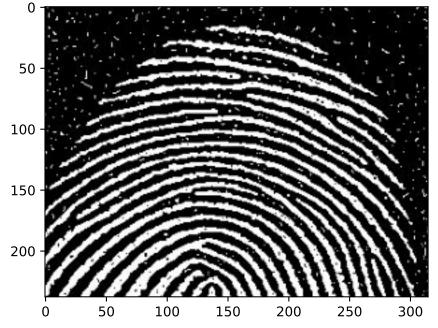
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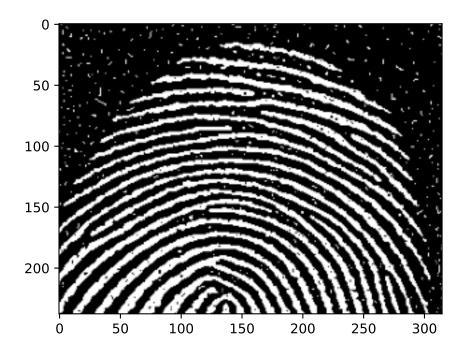
```
In [7]: import matplotlib.pyplot as plt
        import cv2
        import numpy as np
In [8]: img = cv2.imread('sample3.jpg',0)
        # img=cv2.resize(img,(512,512))
        # fig=plt.figure(figsize=(15,15))
        # ax=fig.add_subplot(111)
        plt.imshow(img,'gray')
        print(img)
        [[
                0 11 ...
                            2
                                    6]
                3 245 ... 255 255
                                    2]
                  20 ...
                                    9]
         [239 252 255 ...
                          0 13
                                    0]
         [255 255 255 ... 12
                                    0]
         [255
                0
                    6 ...
                            5
                                0 12]]
```



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```
In [9]: (thresh, blackAndWhiteImage) = cv2.threshold(img, 49, 255, cv2.THRESH_BINARY)
    plt.imshow(blackAndWhiteImage,'gray')
```

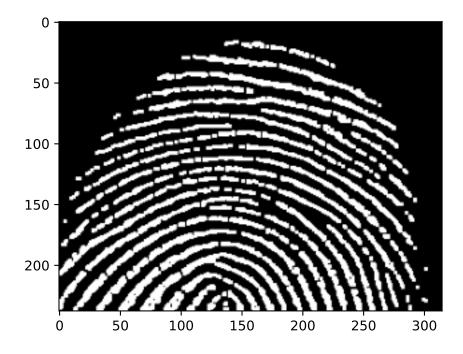
Out[9]: <matplotlib.image.AxesImage at 0x13f0e68>



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```
In [12]: plt.imshow(new_img1,'gray')
```

Out[12]: <matplotlib.image.AxesImage at 0x14c9dd48>



In []: