```
In [12]: import cv2
         import numpy as np
         import matplotlib.pyplot as plt
         img = cv2.imread("kidred.jpg", cv2.IMREAD_COLOR)
In [13]:
         cv2.imshow("Original", img)
         cv2.waitKey(0)
         cv2.destroyAllWindows()
         imgOut = img.copy()
         eyesCascade = cv2.CascadeClassifier(cv2.data.haarcascades + 'haarcascade_eye.xml')
         eyes = eyesCascade.detectMultiScale(img,scaleFactor=1.3, minNeighbors=4, minSize=(100, 100))
In [14]: for (x, y, w, h) in eyes:
           eye = img[y:y+h, x:x+w]
           b = eye[:, :, 0]
           g = eye[:, :, 1]
           r = eye[:, :, 2]
           bg = cv2.add(b, g)
           mask = (r > 150) & (r > bg)
           mask = mask.astype(np.uint8)*255
In [15]: def fillHoles(mask):
             maskFloodfill = mask.copy()
             h, w = maskFloodfill.shape[:2]
             maskTemp = np.zeros((h+2, w+2), np.uint8)
             cv2.floodFill(maskFloodfill, maskTemp, (0, 0), 255)
             mask2 = cv2.bitwise_not(maskFloodfill)
             return mask2 | mask
In [16]: mask = fillHoles(mask)
         mask = cv2.dilate(mask, None, anchor=(-1, -1), iterations=3, borderType=1, borderValue=1)
In [11]:
         plt.imshow(imgOut)
```

Out[11]: <matplotlib.image.AxesImage at 0x2503ae729a0>

