PROGRAM – 4

AIM:

To do a python program to convert original image to HSV

ALGORITHM:

1. **Import module:** Import cv2 (OpenCV library).

2. **Read image:** Use cv2.imread() to read the image 'HP.jpg'.

3. **Check image:** If the image is not loaded (None), print an error and exit.

4. **Convert to HSV:** Use cv2.cvtColor() with cv2.COLOR\_BGR2HSV to convert the image from BGR to HSV color space.

5. **Display images:** Show both original and HSV images using cv2.imshow().

6. **Wait and close:** Wait for a key press using cv2.waitKey(0) and then close all windows using cv2.destroyAllWindows().

OUTPUT:



