PROGRAM – 11

AIM:

To do a python program to perform flipping of an image

ALGORITHM:

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

2. **Define function:** Create a function flip\_img(path).

3. **Read image:** Load the image using cv2.imread(path).

4. **Show original image:** Display the original image using cv2.imshow().

5. **Set flip options:**

* Define a list of flip codes: [1, 0, -1] for horizontal, vertical, and both flips.
* Define corresponding titles for display.

6. **Flip and display:**

* Loop through each flip code and title.
* Apply cv2.flip() using the code.
* Display the flipped image with the corresponding title.

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

OUTPUT:

