PROGRAM – 7

AIM:

To do a python program to read and display in various image format

ALGORITHM:

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

2. **Define function:** Create a function read\_display\_img(img\_path) to process the image.

3. **Read image:** Use cv2.imread() to read the image from the given path.

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

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

6. **Save image:** Save the image in different formats – PNG, BMP, and TIFF using cv2.imwrite().

7. **Read saved images:** Read the saved images using cv2.imread() for each format.

8. **Display formats:** Show PNG, BMP, and TIFF images using cv2.imshow().

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

OUTPUT:

 

 