

How to load and show an image

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Code

test.py

```
import numpy as np
import cv2

# Load an color image in grayscale
img = cv2.imread('flowers.jpg',0)
cv2.imshow('image',img)
cv2.waitKey(0)
cv2.destroyAllWindows()
```

cv2.IMREAD_COLOR : Loads a color image. Any transparency of image will be neglected. It is the default flag.

cv2.IMREAD_GRAYSCALE : Loads image in grayscale mode

cv2.IMREAD_UNCHANGED : Loads image as such including alpha channel

Run

Command

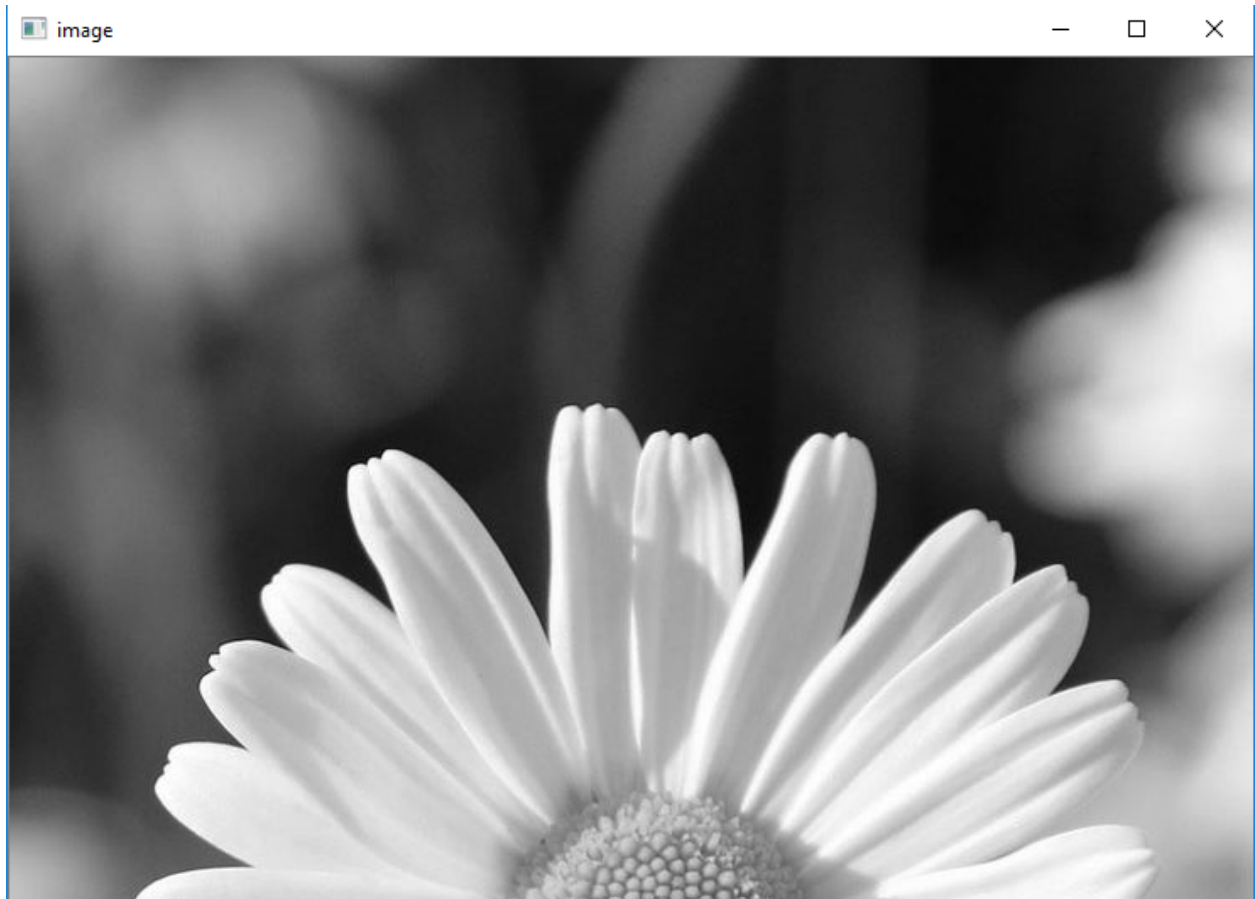
```
activate venv_demo  
python test.py
```

E.g.

```
C:\Users\jing>active venv_demo  
'active' is not recognized as an internal or external command,  
operable program or batch file.  
  
C:\Users\jing>activate venv_demo  
  
(venv_demo) C:\Users\jing>conda info --envs  
# conda environments:  
#  
venv_demo      * C:\Program Files\Anaconda3\envs\venv_demo  
root           C:\Program Files\Anaconda3
```

```
(venv_demo) C:\Users\jing>python test.py
```

e.g.



Reference

- https://opencv-python-tutroals.readthedocs.io/en/latest/py_tutorials/py_gui/py_image_display/py_image_display.html#display-image