```
pip install opencv-python
```

```
Collecting opencv-python
  Downloading opencv_python-4.9.0.80-cp37-abi3-win_amd64.whl (38.6 MB)
     ---------------------------------------- 38.6/38.6 MB 496.7 kB/s eta 0:00:00
Requirement already satisfied: numpy>=1.17.0 in e:\anaconda3\lib\site-packages (from opencv-python) (1.23.5)
Installing collected packages: opencv-python
Successfully installed opencv-python-4.9.0.80
Note: you may need to restart the kernel to use updated packages.
```

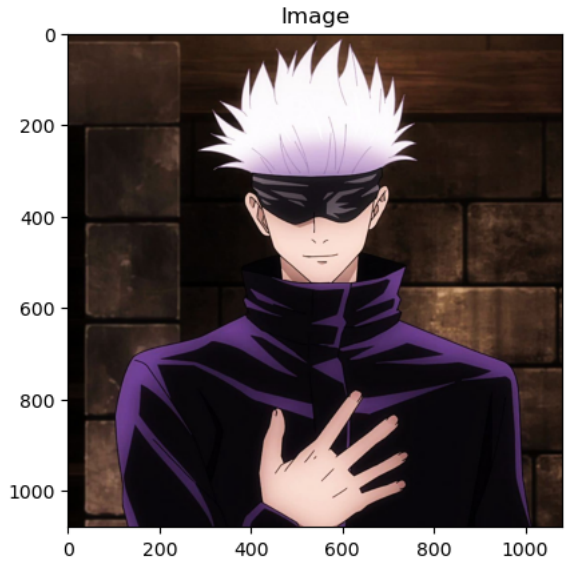
```
#import image
import cv2
img = cv2.imread("gojo.jpg",cv2.IMREAD_COLOR)
cv2.imshow("Gojo.jpg",img)
cv2.waitKey(0)
cv2.destroyAllWindows()
```

```
import cv2
img = cv2.imread("gojo.jpg",cv2.IMREAD_COLOR)
cv2.imshow("Gojo",img)
cv2.waitKey(0)
cv2.destroyAllWindows()
```

```
import cv2
from matplotlib import pyplot as plt

#to read image from disk,we use
# cv2.imread function,in below method.
im = cv2.imread("gojo.jpg")
#conter bgr2rgb
color = cv2.cvtColor(im,cv2.COLOR_BGR2RGB)
plt.imshow(color)
plt.title('Image')
plt.show()
```

```
Matplotlib is building the font cache; this may take a moment.
```




```
#
img.shape
```

```
(1080, 1080, 3)
```

```
import cv2
path = r'E:\ju.jpg'
img = cv2.imread(path,cv2.IMREAD_GRAYSCALE)
cv2.imshow('image',img)
cv.imgwrite('image',img)
cv2.waitKey(0)
cv2.destroyAllWindows()
```

import cv2 import os #when wark with path or directory

image current path

image_path = r'E:\ju.jpg'

import directory

directory = r'F:\img' 43324 img = cv2.imread(image_path)

change the current directory

os.chdir(directory)

list file and directories

print("Befor saving image:") print(os.listdir(directory)) filename = 'savedImage.jpg' cv2.imwrite(filename,img print("After saving image") print(os.listdir(directory))