

# LAB ACTIVITY

## PENGOLAHAN CITRA DIGITAL

### Pertemuan 2 – Load Image

Nama: Muhammad Rifqi Amir Putra  
Kelas: 5 CA

NPM: 062230701416  
Mata Kuliah: Pengolahan Citra Digital

#### Alat dan Bahan:

1. Text Editor
2. Python
3. Library Python OpenCV
4. Google Colab (Opsional)
5. Gambar

#### 1. Load Image menggunakan Python di Text Editor

Source Code:

```
import cv2 as cv

img = cv.imread('Gambar/gambar-kucing.jpg', 1)
dimensi = img.shape

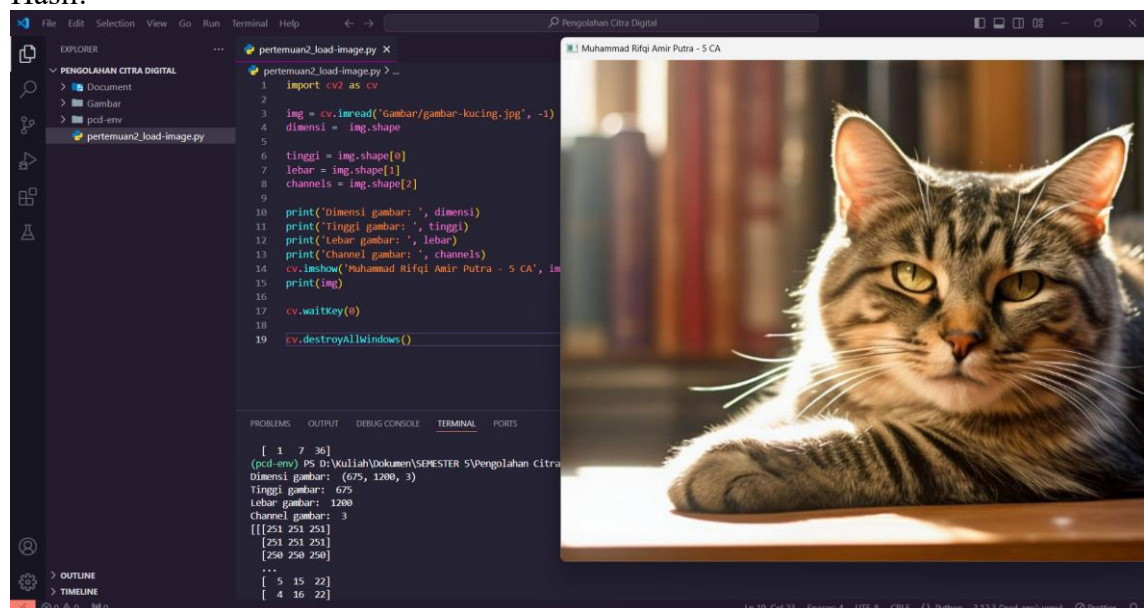
tinggi = img.shape[0]
lebar = img.shape[1]
channels = img.shape[2]

print('Dimensi gambar: ', dimensi)
print('Tinggi gambar: ', tinggi)
print('Lebar gambar: ', lebar)
print('Channel gambar: ', channels)
cv.imshow('Muhammad Rifqi Amir Putra - 5 CA', img)
print(img)

cv.waitKey(0)

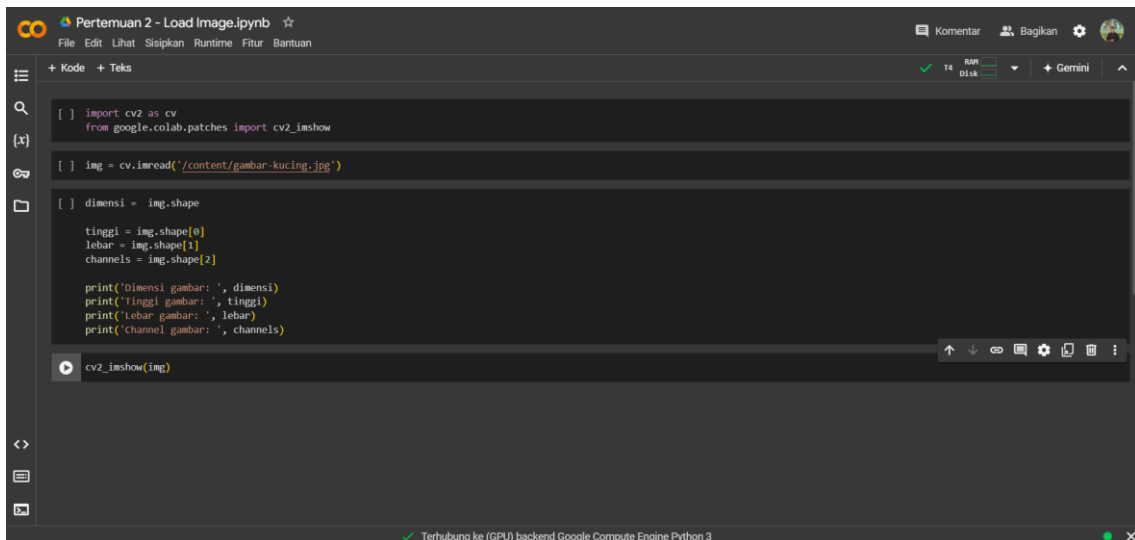
cv.destroyAllWindows()
```

Hasil:



## 2. Load Image menggunakan Python di Google Colab

Source code:



```
[ ] import cv2 as cv
    from google.colab.patches import cv2_imshow

[ ] img = cv.imread('/content/gambar-kucing.jpg')

[ ] dimensi = img.shape

    tinggi = img.shape[0]
    lebar = img.shape[1]
    channels = img.shape[2]

    print('Dimensi gambar: ', dimensi)
    print('Tinggi gambar: ', tinggi)
    print('Lebar gambar: ', lebar)
    print('Channel gambar: ', channels)

cv2_imshow(img)
```

Terhubung ke (GPU) backend Google Compute Engine Python 3

Hasil:

