#### Pengolahan Citra

## Install python, IDE, opency, menampilkan gambar

### Dosen Pengampu

Hero Yudo Martono ST, MT



#### Disusun Oleh:

Nama : M. Faza Nur Husain

Nrp : 3121550004

# D3 PJJ AK TEKNIK INFORMATIKA POLITEKNIK ELEKTRONIKA NEGERI SURABAYA TAHUN AKADEMIK 2021/2022

1. Install python

```
© Select Command Prompt-python

C:\Users\fazan>python

Python 3.9.6 (tags/v3.9.6:db3ff76, Jun 28 2021, 15:26:21) [MSC v.1929 64 bit (AMD64)] on win32

Type "help", "copyright", "credits" or "license" for more information.

>>>
```

2. Install text editor



3. Install opency menggunakan pip

```
C:\WINDOWS\system32>python
Python 3.9.6 (tags/v3.9.6:db3ff76, Jun 28 2021, 15:26:21) [MSC v.1929 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license" for more information.
>>> import cv2
>>> print(cv2.__version__)
4.5.5
>>> __
```

4. Menampilkan gambar

Sorce Code

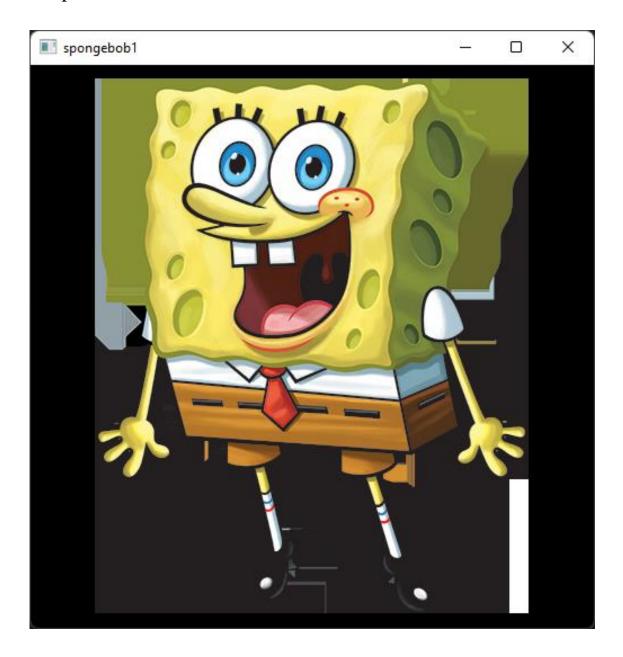
```
import numpy as np
import cv2
from matplotlib import pyplot as plt
import matplotlib.image as mpimg
import time
from array import *

def load_image():
    img = cv2.imread('img/spongebob1.png')
    frame_resize = rescaleFrame(img, scale=5)
    cv2.imshow('arsip', img)
    cv2.imshow('arsip resize', frame_resize)
    cv2.waitKey(0)
    return

load_image()
```

3121550004 M. Faza Nur Husain

## Output Source Code



3121550004 M. Faza Nur Husain