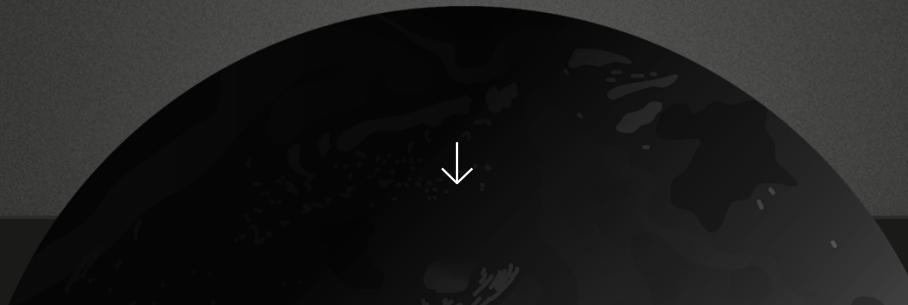


**Deployment To ngrok:
Computer Vision –
Motion Detection**

Orbit Future Academy



Profil

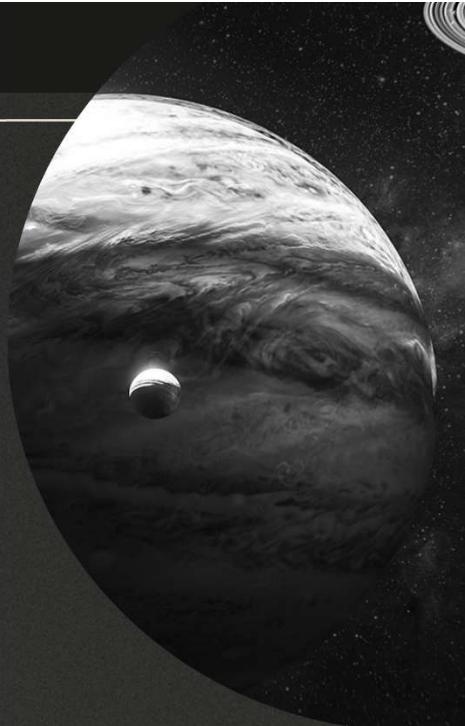


Nama : Siti Nur Fadhilah

Kelas : Jumatec

Prodi : Informatika

Asal : Universitas Amikom Purwokerto



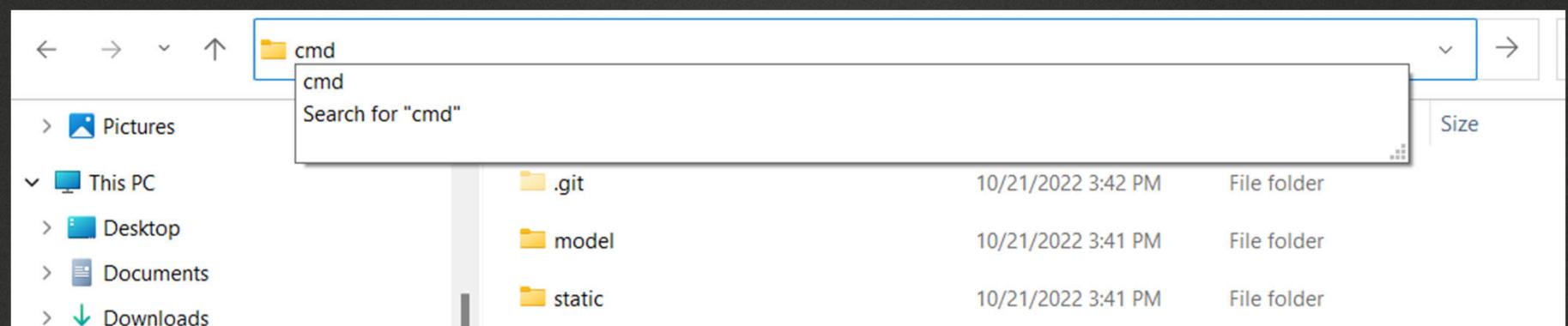
Buka directory project yang akan di deployment to ngrok

The screenshot shows a Windows File Explorer window with the following directory path: New Volume (D:) > MSIB Batch 3 > repository > SIBI-Lang-Estimation-> SIBI-Lang-Estimation-. The main pane displays the contents of the current folder, which includes several files and folders:

Name	Date modified	Type	Size
.git	10/21/2022 3:42 PM	File folder	
model	10/21/2022 3:41 PM	File folder	
static	10/21/2022 3:41 PM	File folder	
templates	10/21/2022 3:41 PM	File folder	
app.py	10/20/2022 1:27 PM	Python Source File	7 KB
README.md	10/21/2022 3:41 PM	Markdown Source ...	1 KB
requirements.txt	10/21/2022 3:41 PM	Text Document	1 KB
SIBI_Lang_Spatio.csv	10/21/2022 3:41 PM	Microsoft Excel Co...	7,843 KB

01

Ketik “cmd” pada path di windows explorer



02

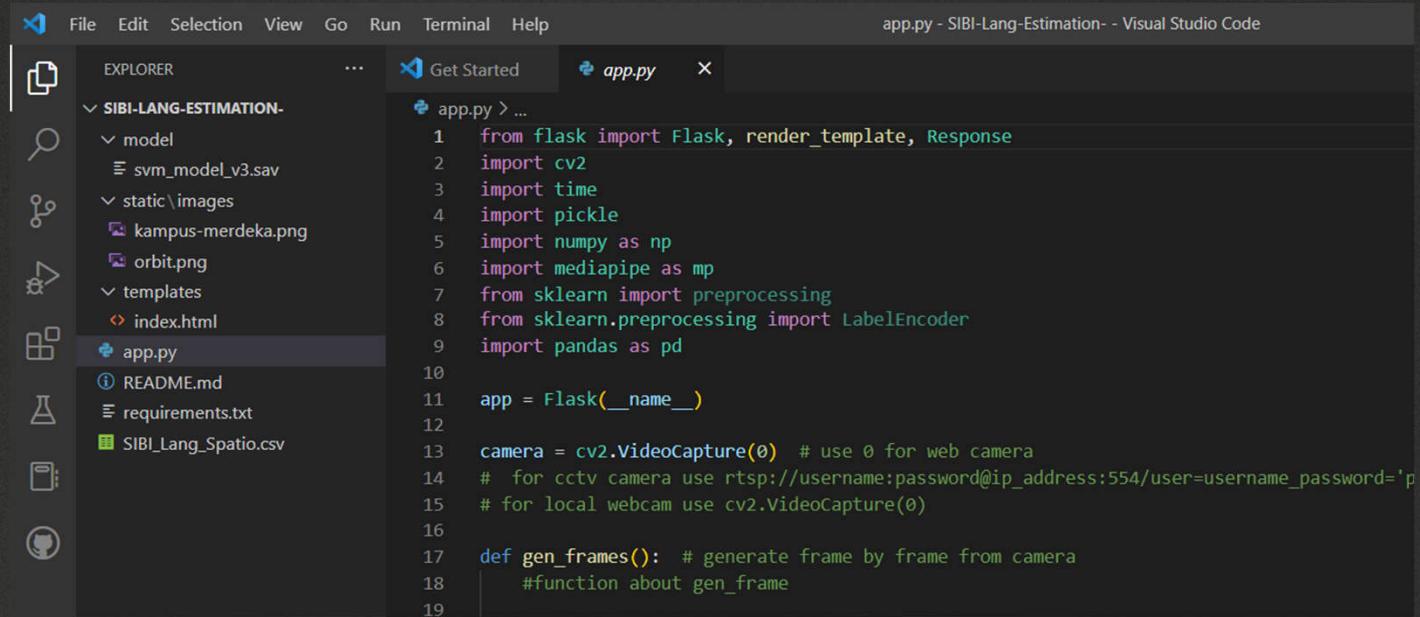
Ketik “code .” pada cmd lalu klik enter

```
C:\Windows\System32\cmd.exe
Microsoft Windows [Version 10.0.22000.978]
(c) Microsoft Corporation. All rights reserved.

D:\MSIB Batch 3\repository\SIBI-Lang-Estimation-\SIBI-Lang-Estimation->code .
```

03

Setelah klik enter maka folder tersebut akan terbuka di visual code



```
File Edit Selection View Go Run Terminal Help
EXPLORER SIBI-LANG-ESTIMATION-
model svm_model_v3.sav
static\images kampus-merdeka.png
orbit.png
templates index.html
app.py
README.md
requirements.txt
SIBI_Lang_Spatio.csv

app.py - SIBI-Lang-Estimation - Visual Studio Code

from flask import Flask, render_template, Response
import cv2
import time
import pickle
import numpy as np
import mediapipe as mp
from sklearn import preprocessing
from sklearn.preprocessing import LabelEncoder
import pandas as pd

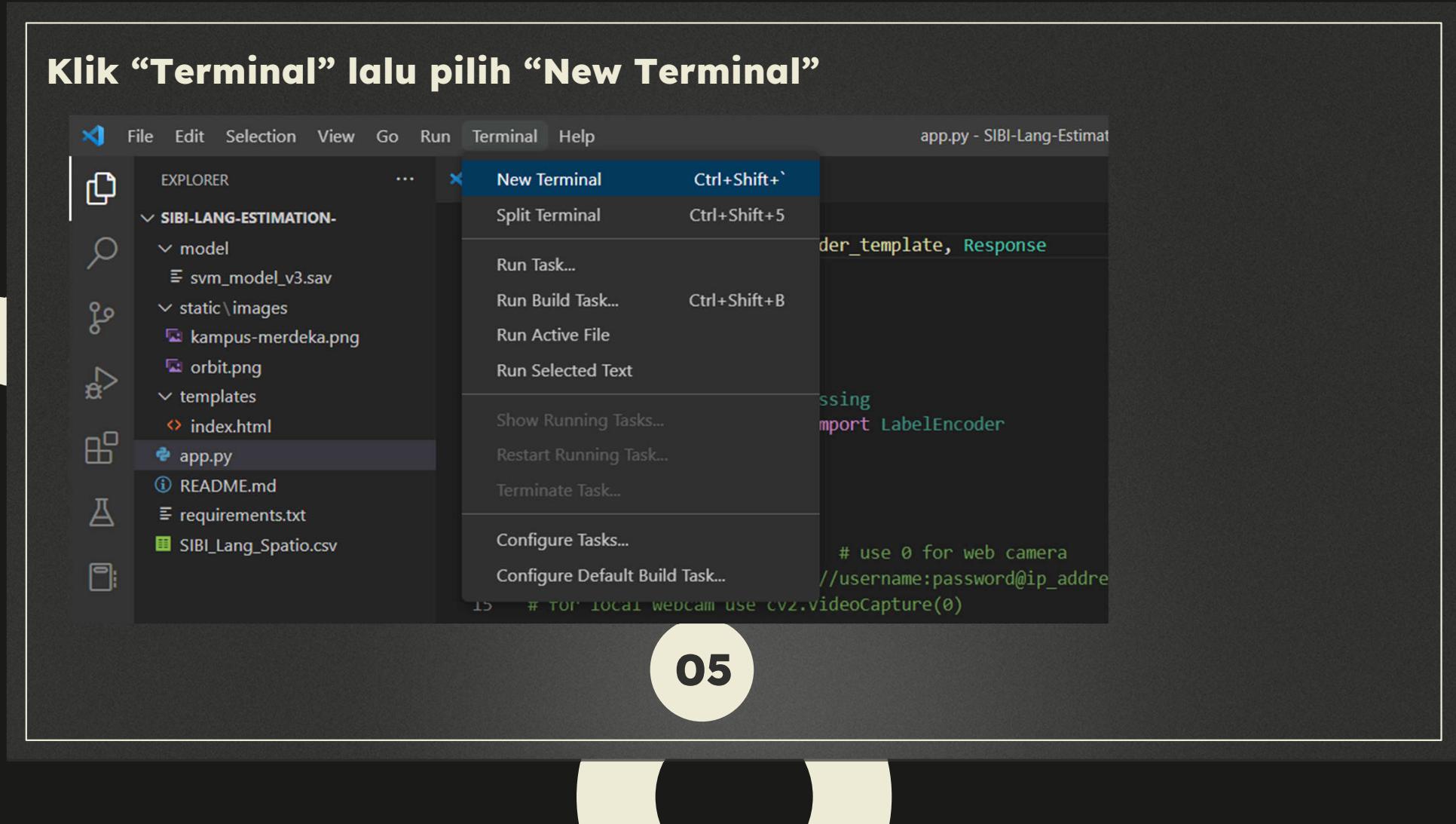
app = Flask(__name__)

camera = cv2.VideoCapture(0) # use 0 for web camera
# for cctv camera use rtsp://username:password@ip_address:554/user=username_password='password'
# for local webcam use cv2.VideoCapture(0)

def gen_frames(): # generate frame by frame from camera
    #function about gen_frame
```

04

Klik “Terminal” lalu pilih “New Terminal”



05

Aktifkan environment yang akan di gunakan dengan mengetikkan “conda activate <nama environment>”

PROBLEMS OUTPUT TERMINAL JUPYTER DEBUG CONSOLE

Microsoft Windows [Version 10.0.22000.978]
(c) Microsoft Corporation. All rights reserved.

D:\MSIB Batch 3\repository\SIBI-Lang-Estimation-\SIBI-Lang-Estimation->conda activate msib

06

Jalankan Program dengan mengetikkan “python app.py”

PROBLEMS OUTPUT TERMINAL JUPYTER DEBUG CONSOLE

```
Microsoft Windows [Version 10.0.22000.978]
(c) Microsoft Corporation. All rights reserved.
```

```
D:\MSIB Batch 3\repository\SIBI-Lang-Estimation-\SIBI-Lang-Estimation->conda activate msib
(msib) D:\MSIB Batch 3\repository\SIBI-Lang-Estimation-\SIBI-Lang-Estimation->python app.py█
```

07

↑ Perhatikan Port yang muncul untuk pembuatan server ngrok.

PROBLEMS OUTPUT TERMINAL JUPYTER DEBUG CONSOLE

```
D:\MSIB Batch 3\repository\SIBI-Lang-Estimation-\SIBI-Lang-Estimation->conda activate msib
(msib) D:\MSIB Batch 3\repository\SIBI-Lang-Estimation-\SIBI-Lang-Estimation->python app.py
 * Serving Flask app 'app' (lazy loading)
 * Environment: production
   WARNING: This is a development server. Do not use it in a production deployment.
   Use a production WSGI server instead.
 * Debug mode: on
WARNING: This is a development server. Do not use it in a production deployment. Use a production WSGI server instead.
 * Running on http://127.0.0.1:5000
Press CTRL+C to quit
 * Restarting with stat
 * Debugger is active!
 * Debugger PIN: 713-485-061
```

07

Buka terminal baru dan ketikkan “ngrok http <port>”

PROBLEMS OUTPUT TERMINAL JUPYTER DEBUG CONSOLE

Microsoft Windows [Version 10.0.22000.978]
(c) Microsoft Corporation. All rights reserved.

D:\MSIB Batch 3\repository\SIBI-Lang-Estimation-\SIBI-Lang-Estimation->ngrok http 5000

08



Buka link yang ada di layar dengan klik tahan ctrl dan klik linknya

ngrok

Visit <http://localhost:4040/> to inspect, replay, and modify your requests

Session Status

online

Account

fdhilah1202@gmail.com (Plan: Free)

Version

3.1.0

Region

Asia Pacific (ap)

Latency

-

Web Interface

<http://127.0.0.1:4040>

Forwarding

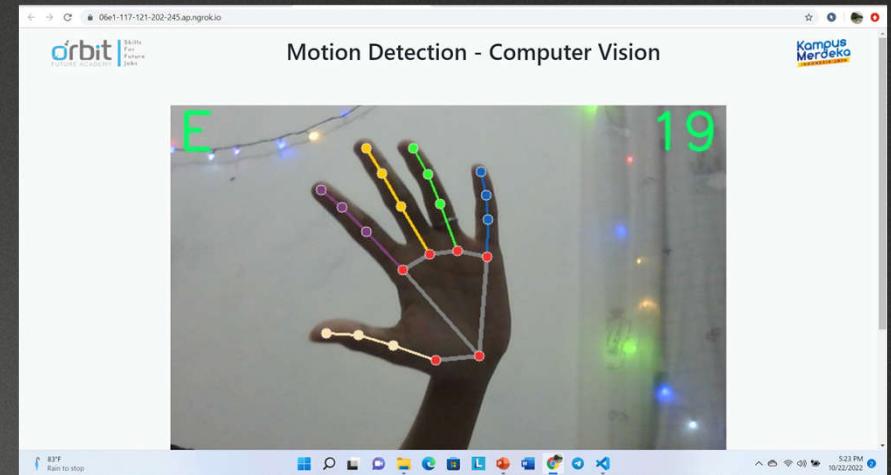
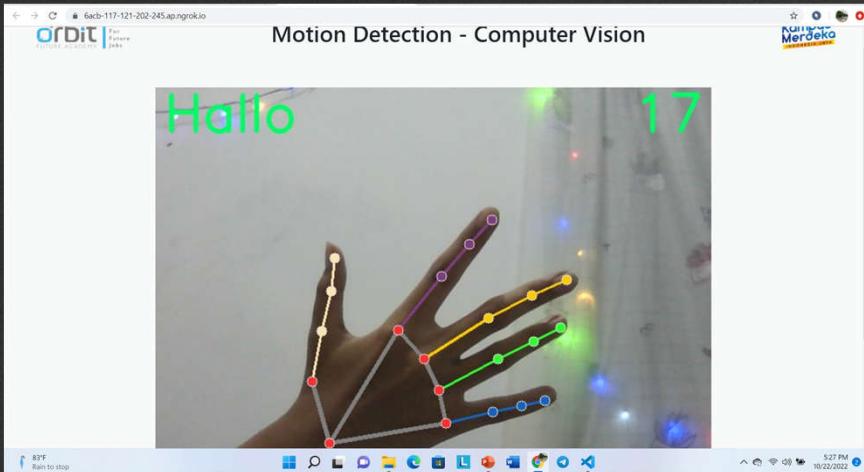
<https://8dbe-117-121-202-245.ap.ngrok.io> -> http://localhost:5000

Connections

ttl	opn	rt1	rt5	p50	p90
0	0	0.00	0.00	0.00	0.00

09

Hasil dari Percobaan Deployment



10





Thank You !