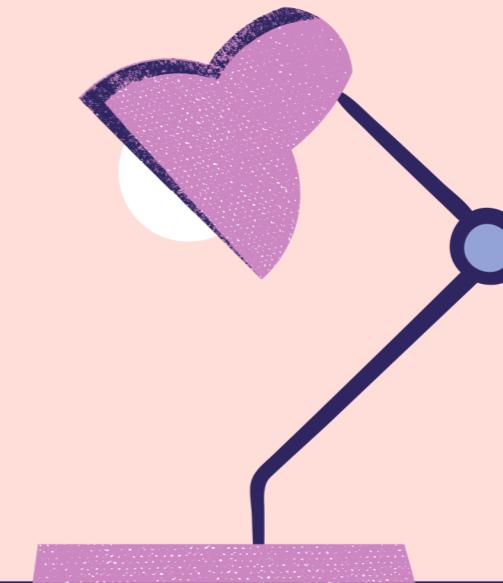


# Deployment Computer Vision *With Ngrok*

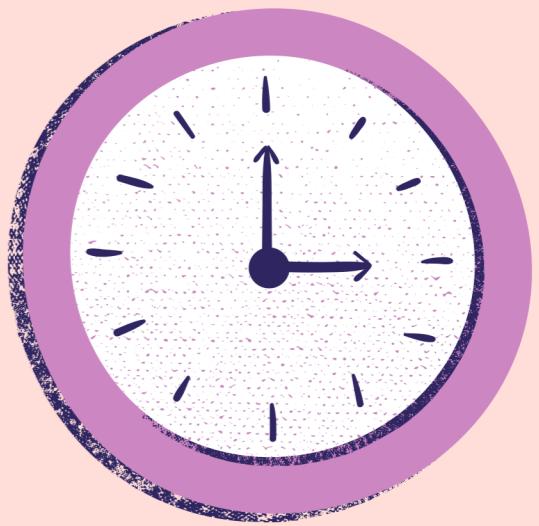
22 Oktober 2022



Erika Yolanda Agdayanti - Jumatec Class

# STEP 1

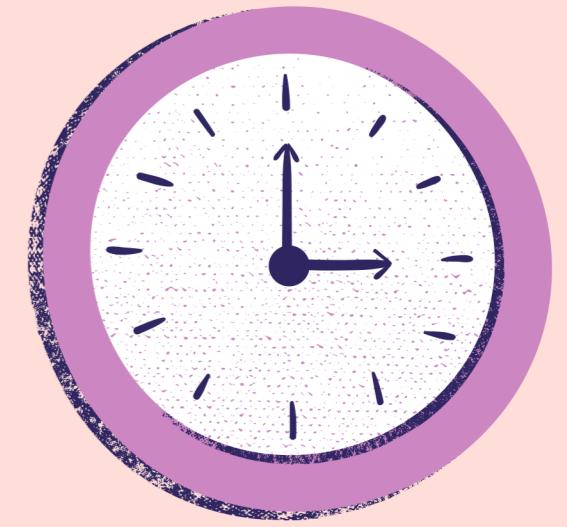
Buka folder project SIBI Lang Estimation (Flask CV) menggunakan Windows Explorer



PC ini > Unduhan > SIBI Lang Estimation			
Nama	Tanggal diubah	Jenis	Ukuran
model	20/10/2022 09.24	Folder file	
static	20/10/2022 09.25	Folder file	
templates	20/10/2022 09.26	Folder file	
app	20/10/2022 11.41	Python Source File	7 KB
requirements	20/10/2022 09.24	Dokumen Teks	1 KB
SIBI_Lang_Spatio	20/10/2022 09.24	File CSV Microsoft Ex...	7.843 KB

# STEP 2

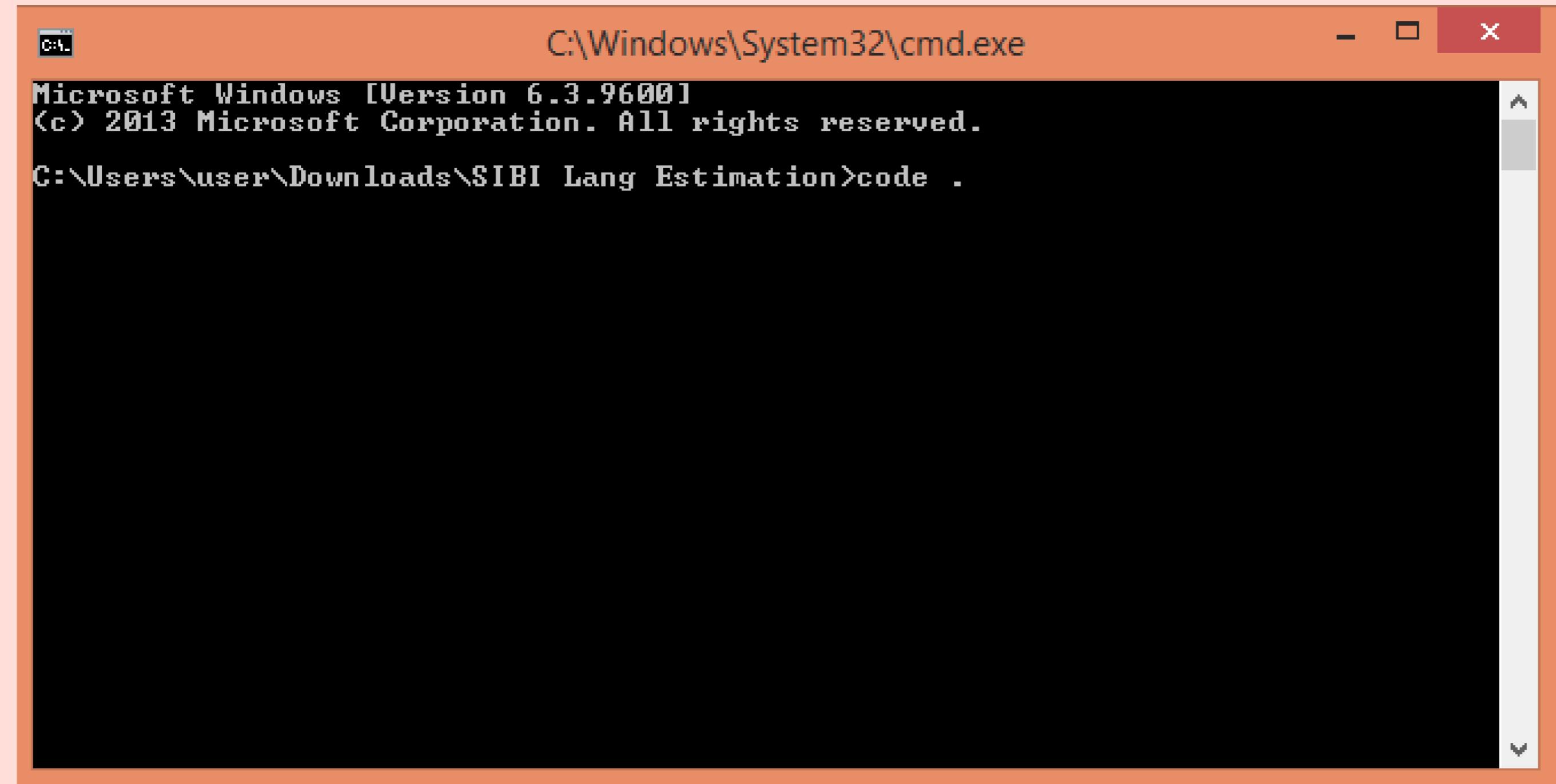
**Bagi pengguna windows, buka console dengan cara ketik cmd di tab address Windows Explorer kemudian tekan tombol Enter.**



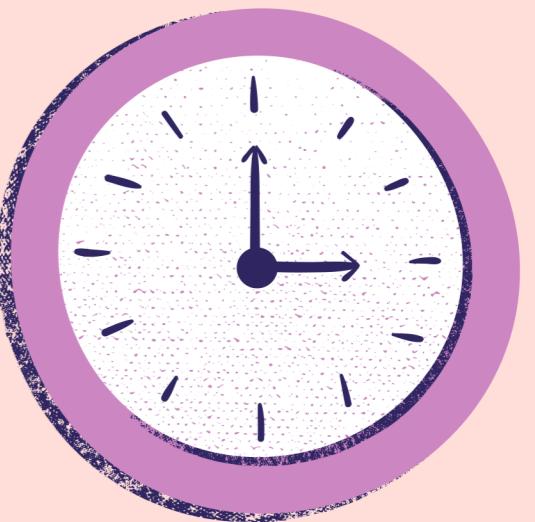
cmd			
Nama	Tanggal diubah	Jenis	Ukuran
model	20/10/2022 09.24	Folder file	
static	20/10/2022 09.25	Folder file	
templates	20/10/2022 09.26	Folder file	
app	20/10/2022 11.41	Python Source File	7 KB
requirements	20/10/2022 09.24	Dokumen Teks	1 KB
SIBI_Lang_Spatio	20/10/2022 09.24	File CSV Microsoft Ex...	7.843 KB

# STEP 3

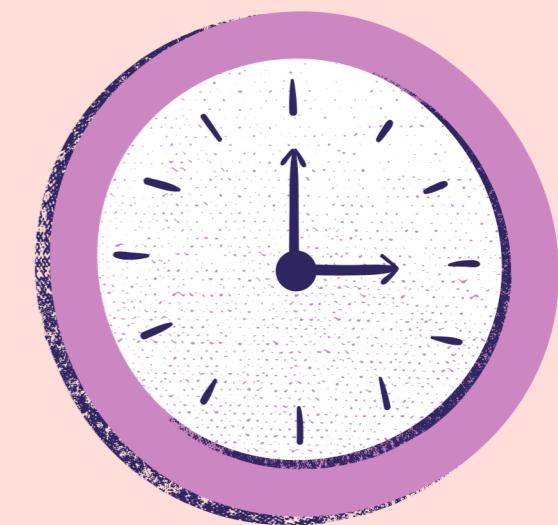
Ketik code . pada Command Prompt kemudian tekan tombol enter



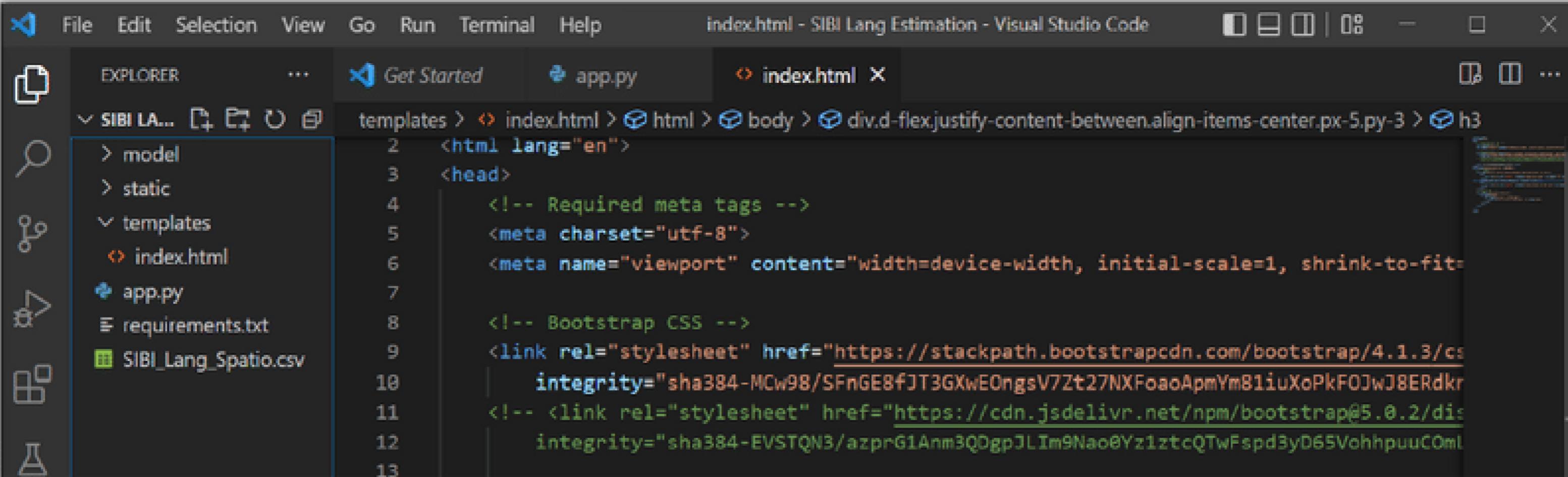
A screenshot of a Microsoft Windows Command Prompt window. The title bar reads "C:\Windows\System32\cmd.exe". The window itself shows the following text:  
Microsoft Windows [Version 6.3.9600]  
(c) 2013 Microsoft Corporation. All rights reserved.  
C:\Users\user\Downloads\SIBI Lang Estimation>code .



# STEP 4

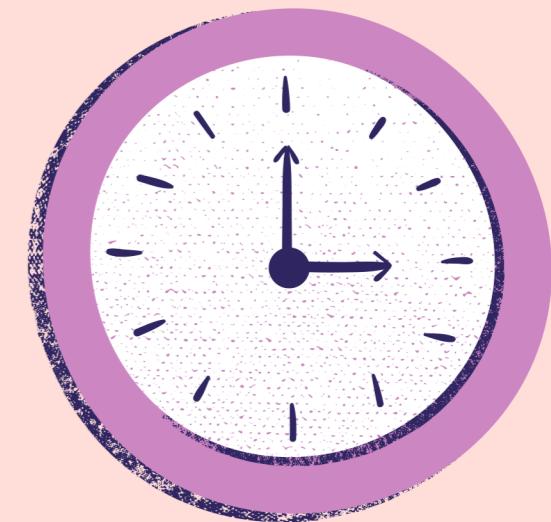


Setelah itu Aplikasi Visual Studio Code akan terbuka dengan akses folder aplikasi SIBI Lang Estimation

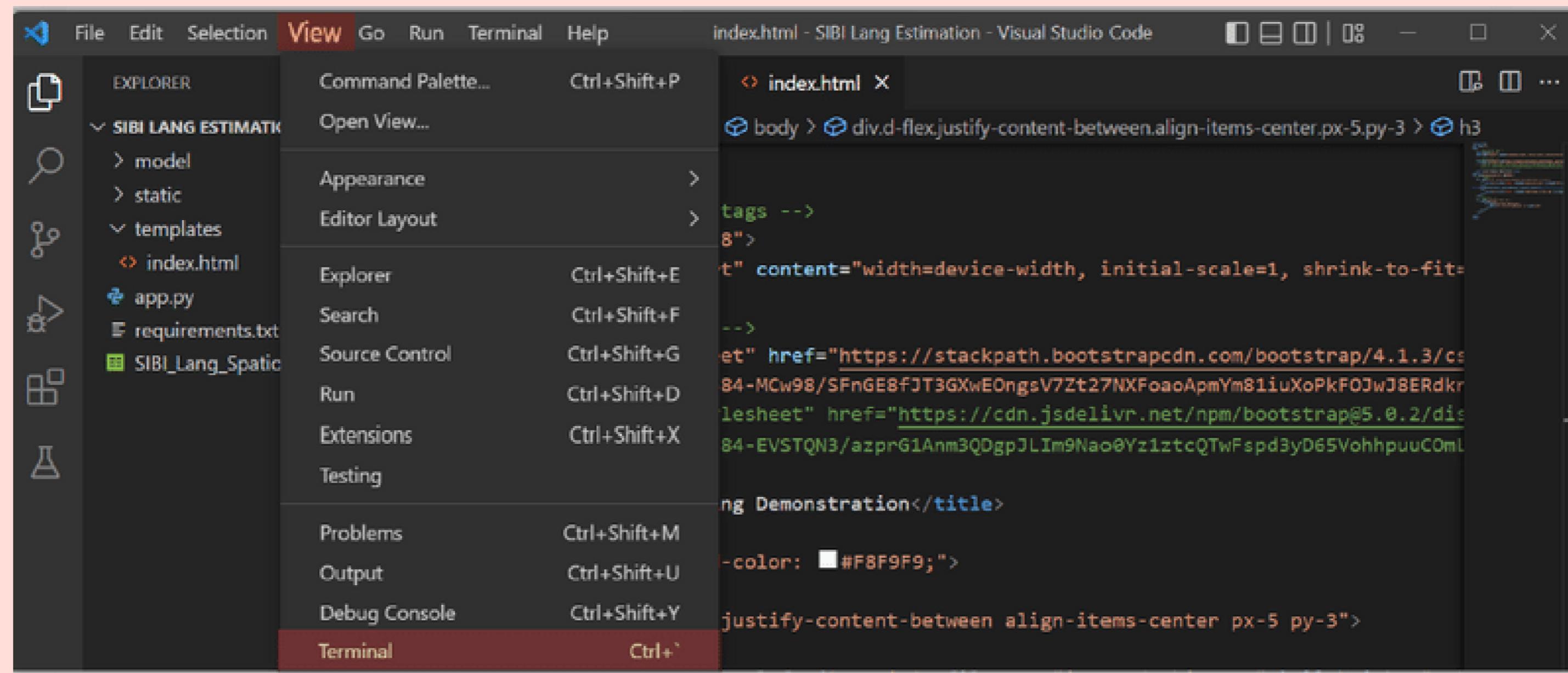


```
index.html - SIBI Lang Estimation - Visual Studio Code
File Edit Selection View Go Run Terminal Help
EXPLORER ... Get Started app.py index.html
templates > index.html > html > body > div.d-flex.justify-content-between.align-items-center.px-5.py-3 > h3
2 <html lang="en">
3 <head>
4     <!-- Required meta tags -->
5     <meta charset="utf-8">
6     <meta name="viewport" content="width=device-width, initial-scale=1, shrink-to-fit=
7
8     <!-- Bootstrap CSS -->
9     <link rel="stylesheet" href="https://stackpath.bootstrapcdn.com/bootstrap/4.1.3/c
10        integrity="sha384-MCw98/SFnGE8fJT3GXwEOngsV7Zt27NXFoaoApmYm8liuXePkFOJwJ8ERdkr
11        <!-- <link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/
12        integrity="sha384-EVSTQN3/azprG1Anm3QDgpJLIm9Nao0Yz1ztcQTwFspd3yD65VohhpooC0ml
13
```

# STEP 5

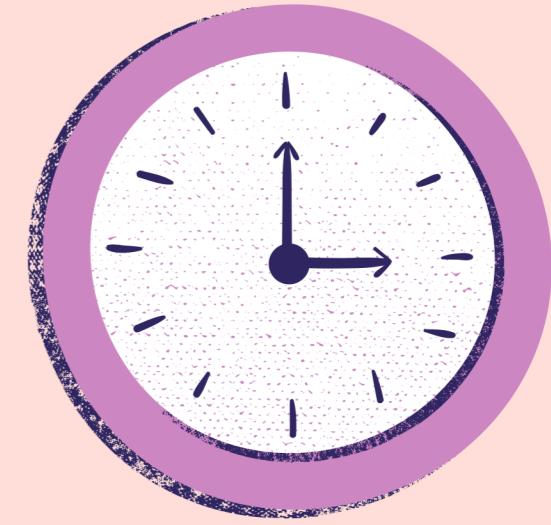


# Buka terminal di Visual Studio Code



# STEP 6

**Setelah itu, terminal akan muncul pada bagian bawah Visual Studio Code  
(disini saya menggunakan mcd)**



A screenshot of a Microsoft Windows command prompt window. The title bar says "mcd". The window contains the following text:

```
Microsoft Windows [Version 6.3.9600]
(c) 2013 Microsoft Corporation. All rights reserved.

C:\Users\user\Downloads\SIBI Lang Estimation>
```

# STEP 7

Aktifkan virtual environment untuk project SIBI Lang Estimation

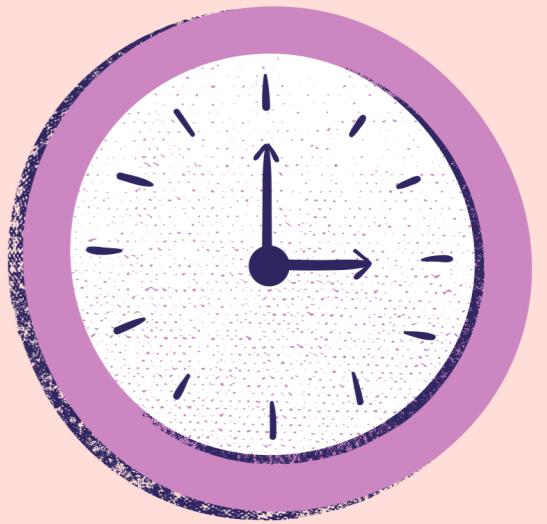


```
C:\Windows\System32\cmd.exe
Microsoft Windows [Version 6.3.9600]
(c) 2013 Microsoft Corporation. All rights reserved.

C:\Users\user\Downloads\SIBI Lang Estimation>conda activate cvdeploy
```

# STEP 8

Jalankan aplikasi SIBI Lang Estimation via terminal menggunakan python app.py

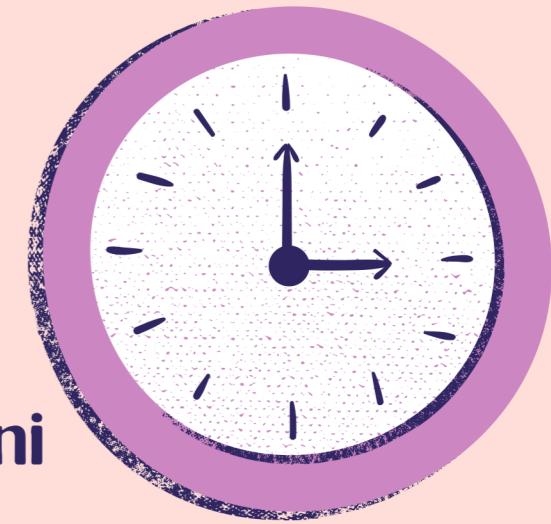


```
C:\Windows\System32\cmd.exe
Microsoft Windows [Version 6.3.9600]
(c) 2013 Microsoft Corporation. All rights reserved.

C:\Users\user\Downloads\SIBI Lang Estimation>python app.py
```

# STEP 9

Perhatikan port aplikasi SIBI Lang Estimation yang muncul pada terminal. Port ini nantinya akan kita ekspos ke publik menggunakan Ngrok



```
PROBLEMS    OUTPUT    DEBUG CONSOLE    TERMINAL    JUPYTER    python + □ □ ^ X

* 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 s
erver instead.
* Running on http://127.0.0.1:5000
Press CTRL+C to quit
* Restarting with stat
* Debugger is active!
* Debugger PIN: 102-924-972
```

# STEP 10

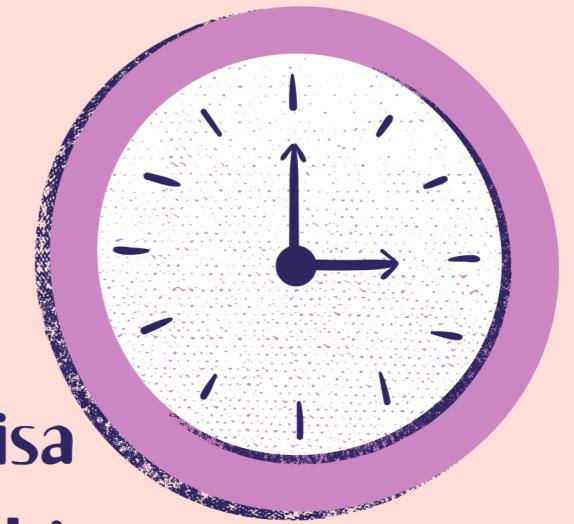
**Buka terminal baru di Visual Studio Code kemudian Jalankan Ngrok pada terminal baru menggunakan ngrok http <port>**



A screenshot of a Windows Command Prompt window titled 'C:\Windows\System32\cmd.exe'. The window shows the following text:  
Microsoft Windows [Version 6.3.9600]  
(c) 2013 Microsoft Corporation. All rights reserved.  
C:\Users\user\Downloads\SIBI Lang Estimation>ngrok http 500

# STEP 11

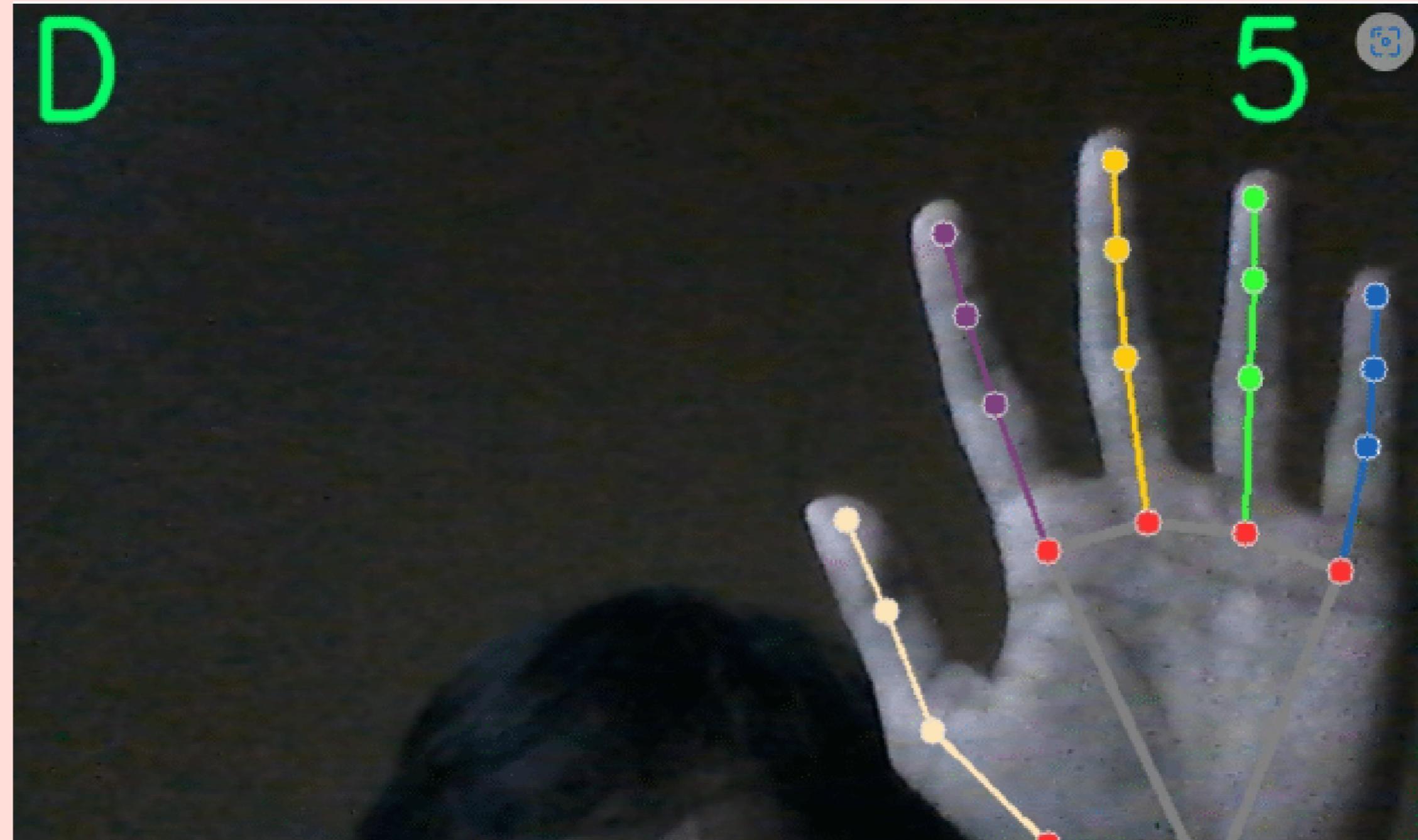
**Ngrok kemudian akan men-generate link localhost kita via internet. User lain bisa menggunakan link tersebut untuk mengakses aplikasi SIBI Lang Estimation meskipun aplikasi tersebut ada di localhost**



```
PROBLEMS    OUTPUT    DEBUG CONSOLE    TERMINAL    JUPYTER    + v ^ X
ngrok
Try our new native Go library: https://github.com/ngrok/ngrok-go
Session Status      online
Account            Abdullah Latif (Plan: Free)
Version             3.1.0
Region              Asia Pacific (ap)
Latency             232ms
Web Interface      http://127.0.0.1:4040
Forwarding          https://8a34-103-105-27-89.ap.ngrok.io -> http://localhost
Connections          ttl     opn     rt1     rt5     p50     p90

```

# Hasil



Thanks!

