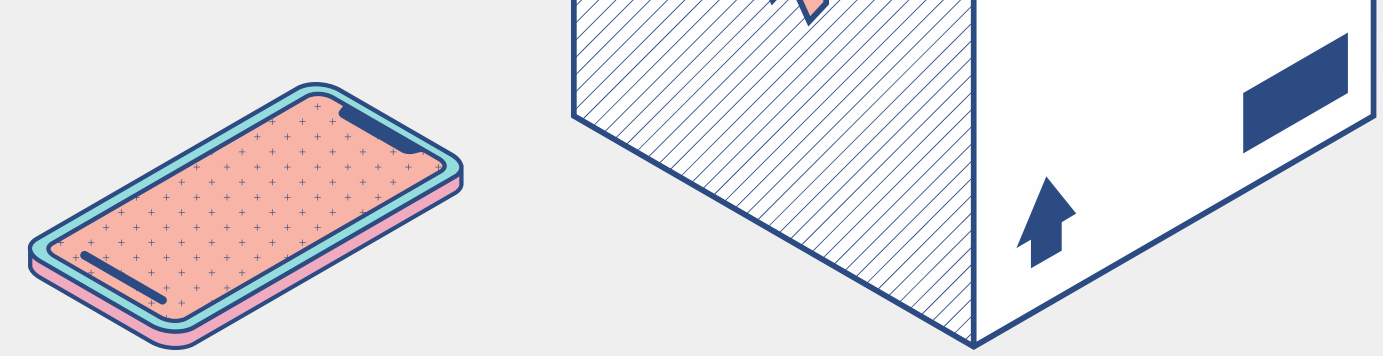




DEPLOYMENT COMPUTER VISION MENGGUNAKAN NGROK

maida ayu putri - jumatec



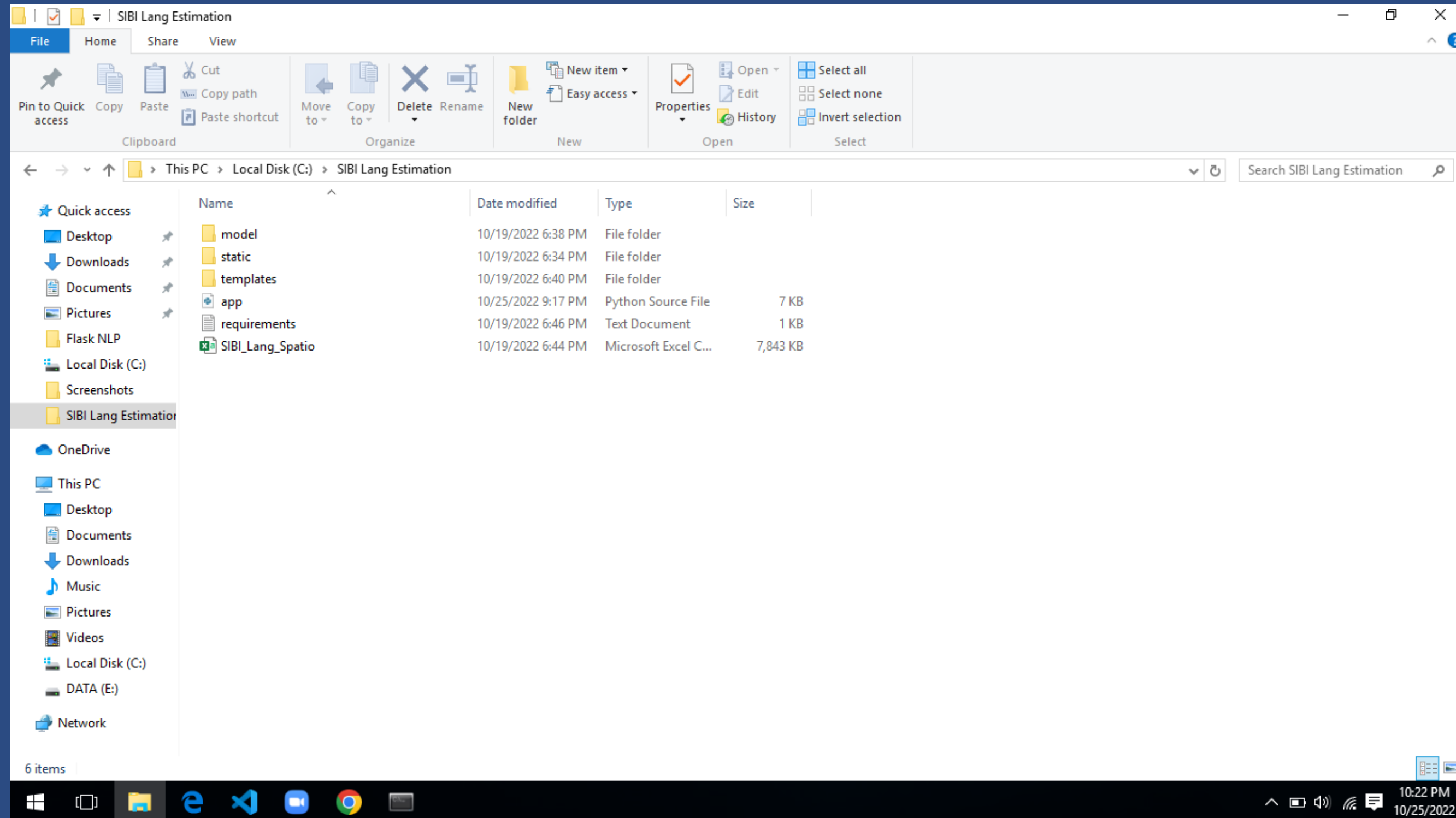
Proses Belajar Mengajar Tradisional

- Bahan dan alat pembelajaran fisik seperti kertas, pena, dan papan tulis
- Akses terbatas ke materi dan informasi pendidikan
- Proses belajar mengajar umumnya berlangsung di ruang kelas secara tatap muka

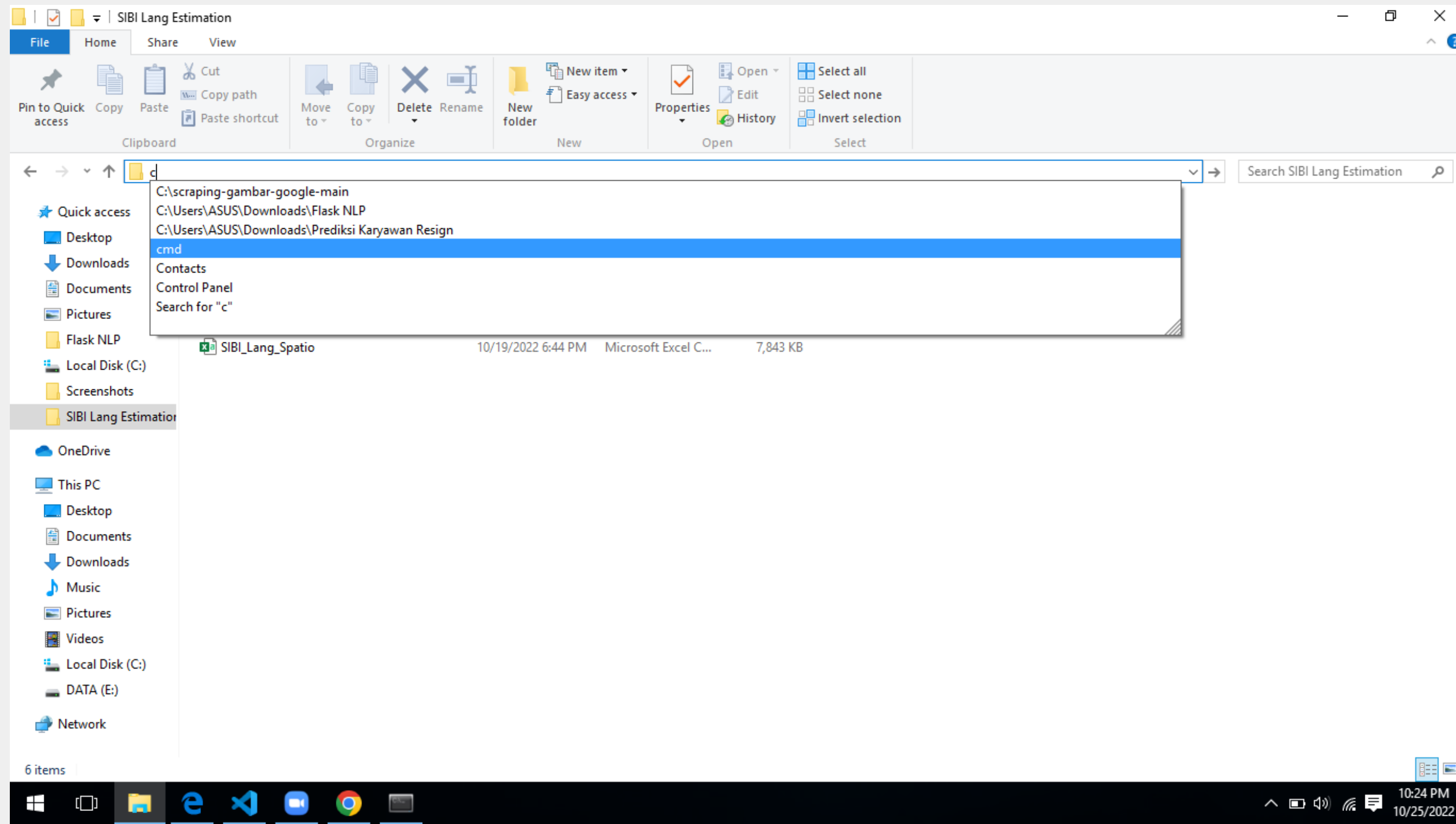
Proses Belajar Mengajar Teknologi

- Akses yang lebih luas ke bahan dan informasi pendidikan
- Lebih banyak saluran dan alat yang tersedia untuk komunikasi dan kolaborasi
- Memungkinkan jenis pembelajaran yang lebih personal bagi siswa

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



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



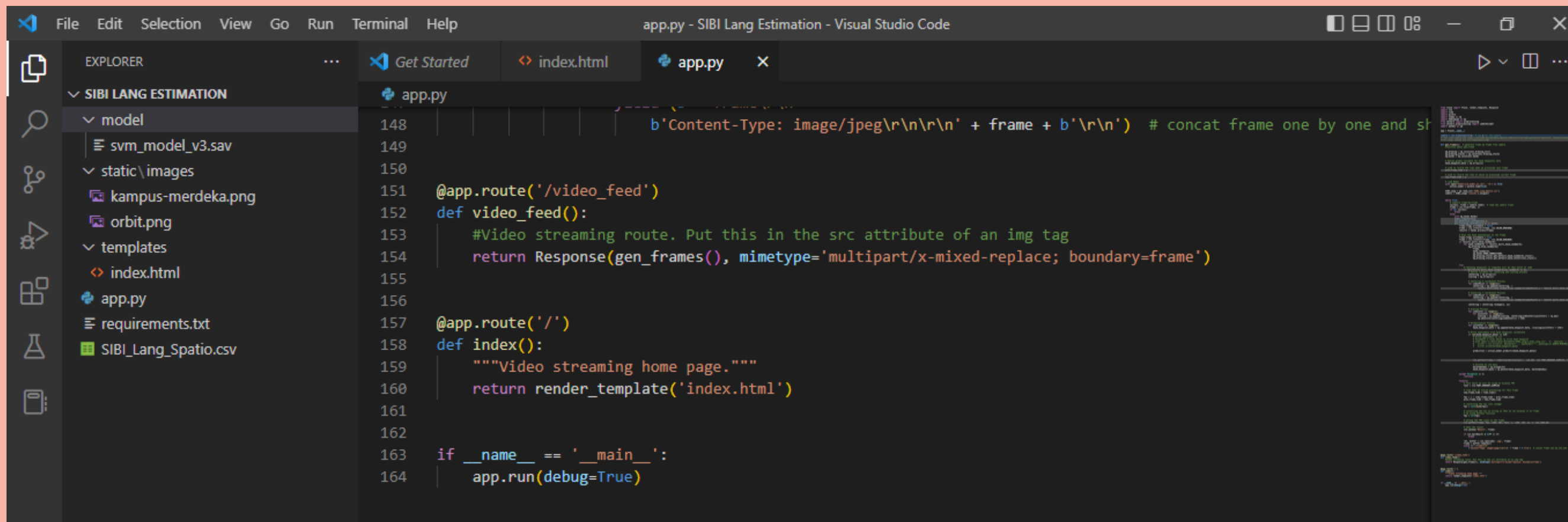
KETIK 'CODE .' PADA COMAND PROMPT,
KEMUDIAN TEKAN ENTER.



```
C:\Windows\System32\cmd.exe
Microsoft Windows [Version 10.0.10586]
(c) 2015 Microsoft Corporation. All rights reserved.

C:\SIBI Lang Estimation>code .
```

Setelah itu aplikasi visual studio code akan terbuka
dengan akses folder aplikasi SIBI Lang Estimation.

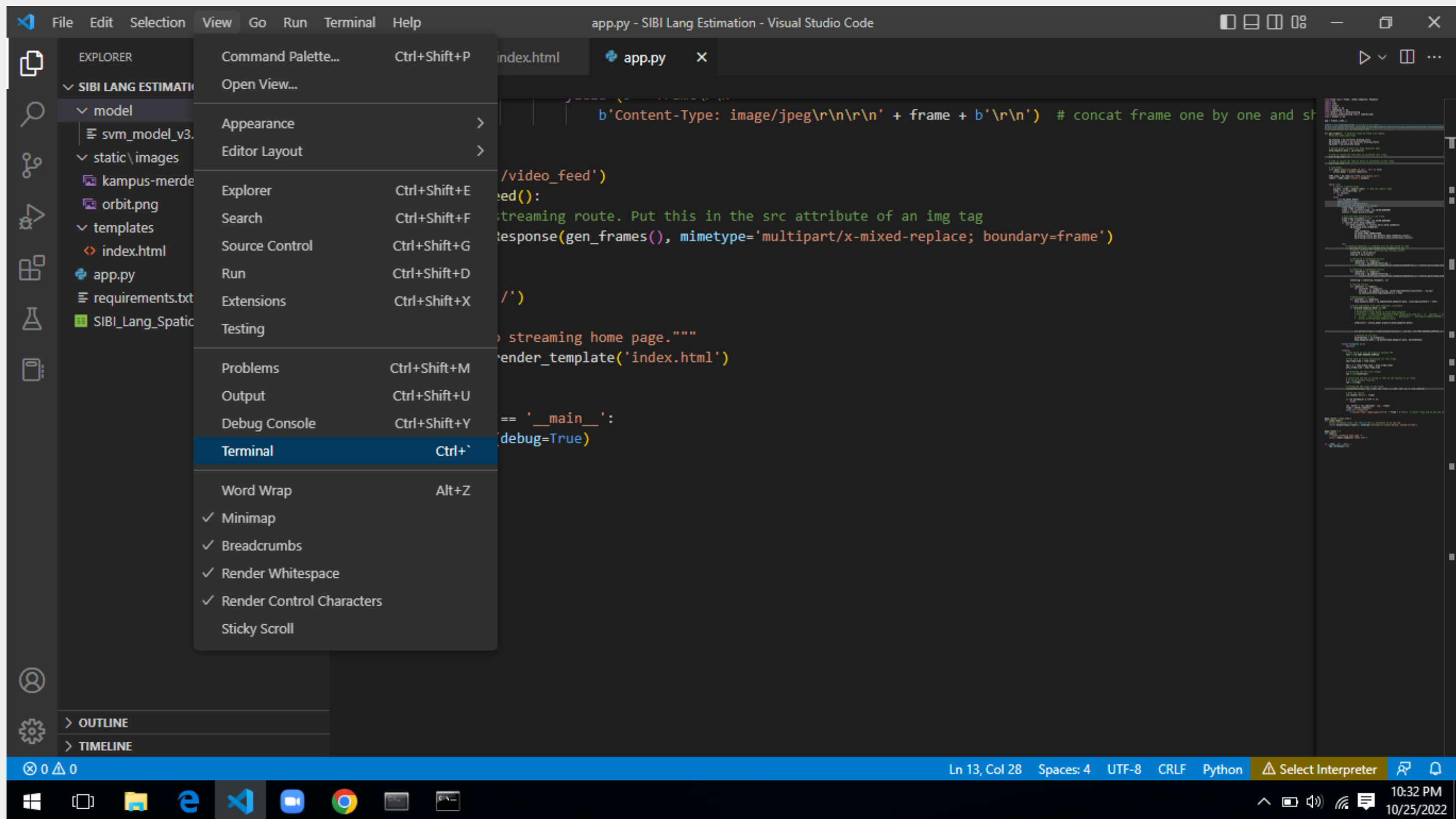


The screenshot shows the Visual Studio Code interface with the following details:

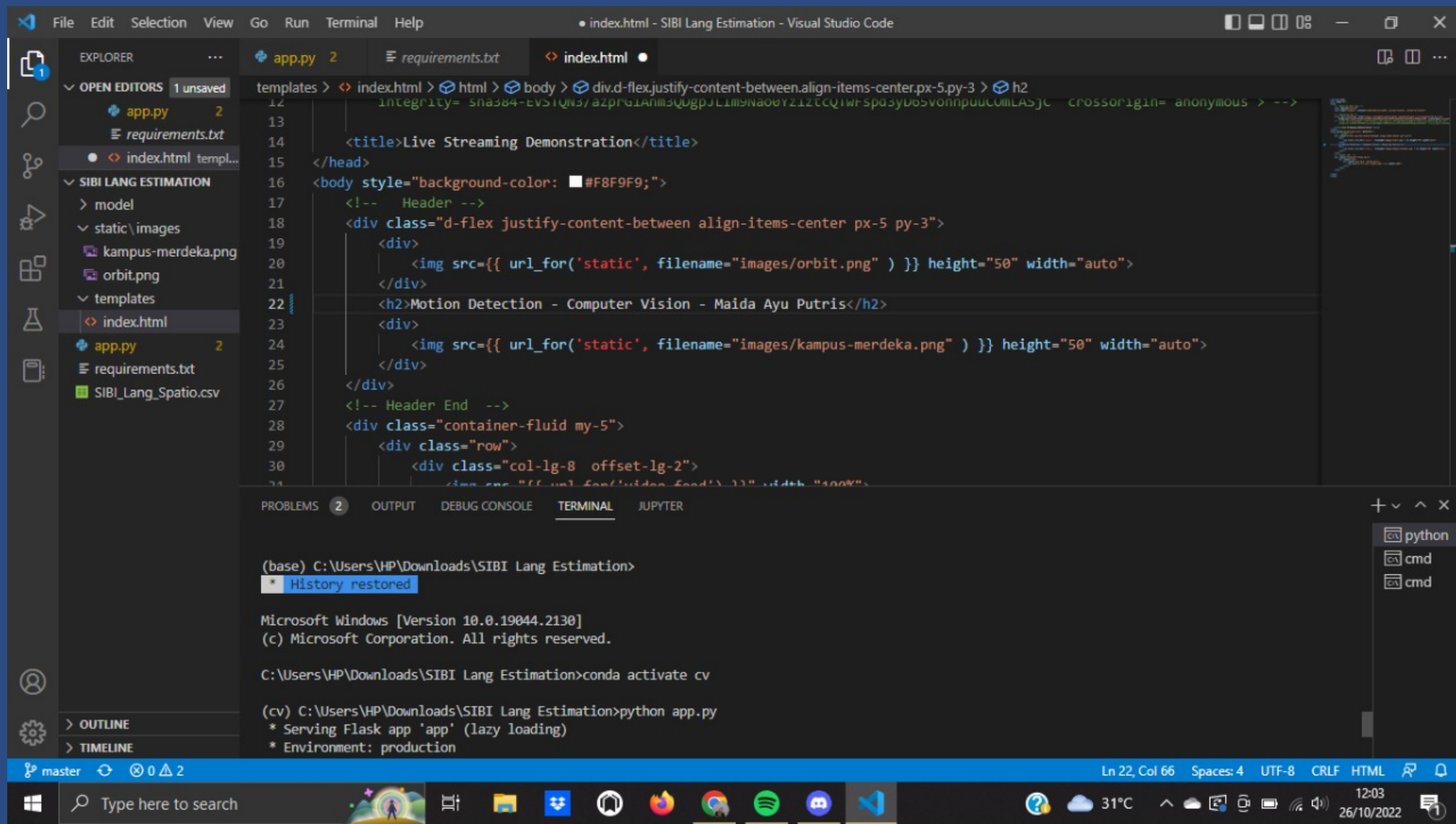
- Explorer Panel:** Displays the project structure for 'SIBI LANG ESTIMATION'. It includes a 'model' folder with 'svm_model_v3.sav', a 'static' folder with 'images' containing 'kampus-merdeka.png' and 'orbit.png', a 'templates' folder with 'index.html', and the 'app.py' file.
- Editor Panel:** Shows the 'app.py' file with the following code:

```
148 |
149 |
150 |
151 | @app.route('/video_feed')
152 | def video_feed():
153 |     #Video streaming route. Put this in the src attribute of an img tag
154 |     return Response(gen_frames(), mimetype='multipart/x-mixed-replace; boundary=frame')
155 |
156 |
157 | @app.route('/')
158 | def index():
159 |     """Video streaming home page."""
160 |     return render_template('index.html')
161 |
162 |
163 | if __name__ == '__main__':
164 |     app.run(debug=True)
```

buka terminal di visual studio code



SETELAH ENVIRONMENT UNTUK SIBI
BILANG ESTIMATION AKTIF, SELA
NJUTNYA JALANKAN PROGRAM DE
NGANKETIK PYTHON APP.PY



```
File Edit Selection View Go Run Terminal Help
index.html - SIBI Lang Estimation - Visual Studio Code

EXPLORER
1 unsaved
  app.py 2
  requirements.txt
  index.html templ...
SIBI LANG ESTIMATION
  > model
  > static\images
    kampus-merdeka.png
    orbit.png
  > templates
    index.html
  app.py 2
  requirements.txt
  SIBI_Lang_Spatio.csv

templates > index.html > html > body > div.d-flex.justify-content-between.align-items-center.px-5.py-3 > h2
12 integrity= sha384-EVSIQN3/azprG1ANm3QUGpJLImyNa0bYZ12CcQIwTspdzYUo5vonnpuuCOMLASjC crossorigin= anonymous > -->
13
14 <title>Live Streaming Demonstration</title>
15 </head>
16 <body style="background-color: #F8F9F9;">
17 <!-- Header -->
18 <div class="d-flex justify-content-between align-items-center px-5 py-3">
19   <div>
20     <img src={{ url_for('static', filename="images/orbit.png" ) }} height="50" width="auto">
21   </div>
22   <h2>Motion Detection - Computer Vision - Maida Ayu Putris</h2>
23   <div>
24     <img src={{ url_for('static', filename="images/kampus-merdeka.png" ) }} height="50" width="auto">
25   </div>
26 </div>
27 <!-- Header End -->
28 <div class="container-fluid my-5">
29   <div class="row">
30     <div class="col-lg-8 offset-lg-2">
31       <img src={{ url_for('static', filename="images/food1.jpg" ) }} height="100" width="100%">
32     </div>
33   </div>
34 </div>
35 </body>
36 </html>
```

```
(base) C:\Users\HP\Downloads\SIBI Lang Estimation>
History restored

Microsoft Windows [Version 10.0.19044.2130]
(c) Microsoft Corporation. All rights reserved.

C:\Users\HP\Downloads\SIBI Lang Estimation>conda activate cv

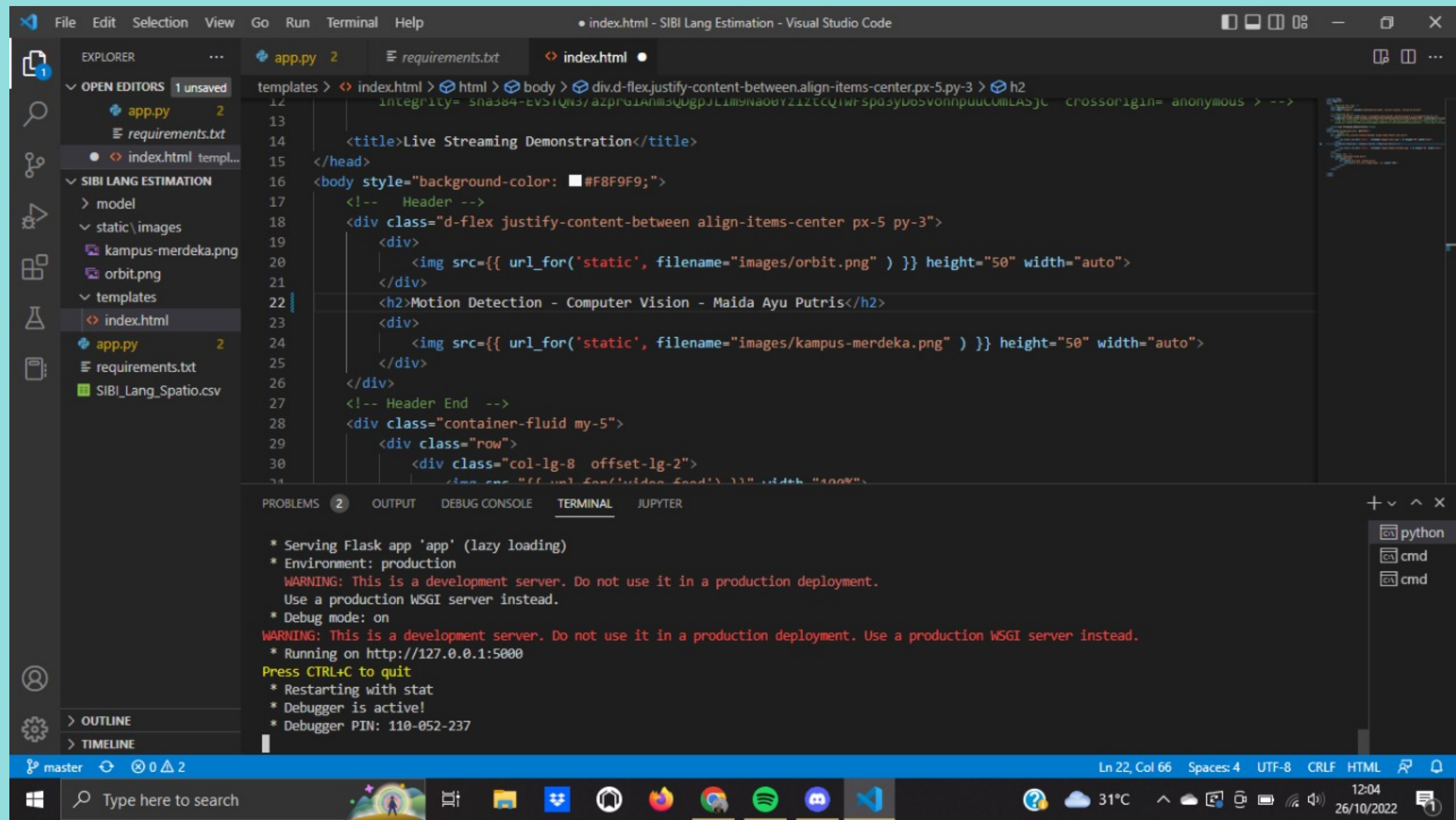
(cv) C:\Users\HP\Downloads\SIBI Lang Estimation>python app.py
* Serving Flask app 'app' (lazy loading)
* Environment: production
```

python
cmd
cmd

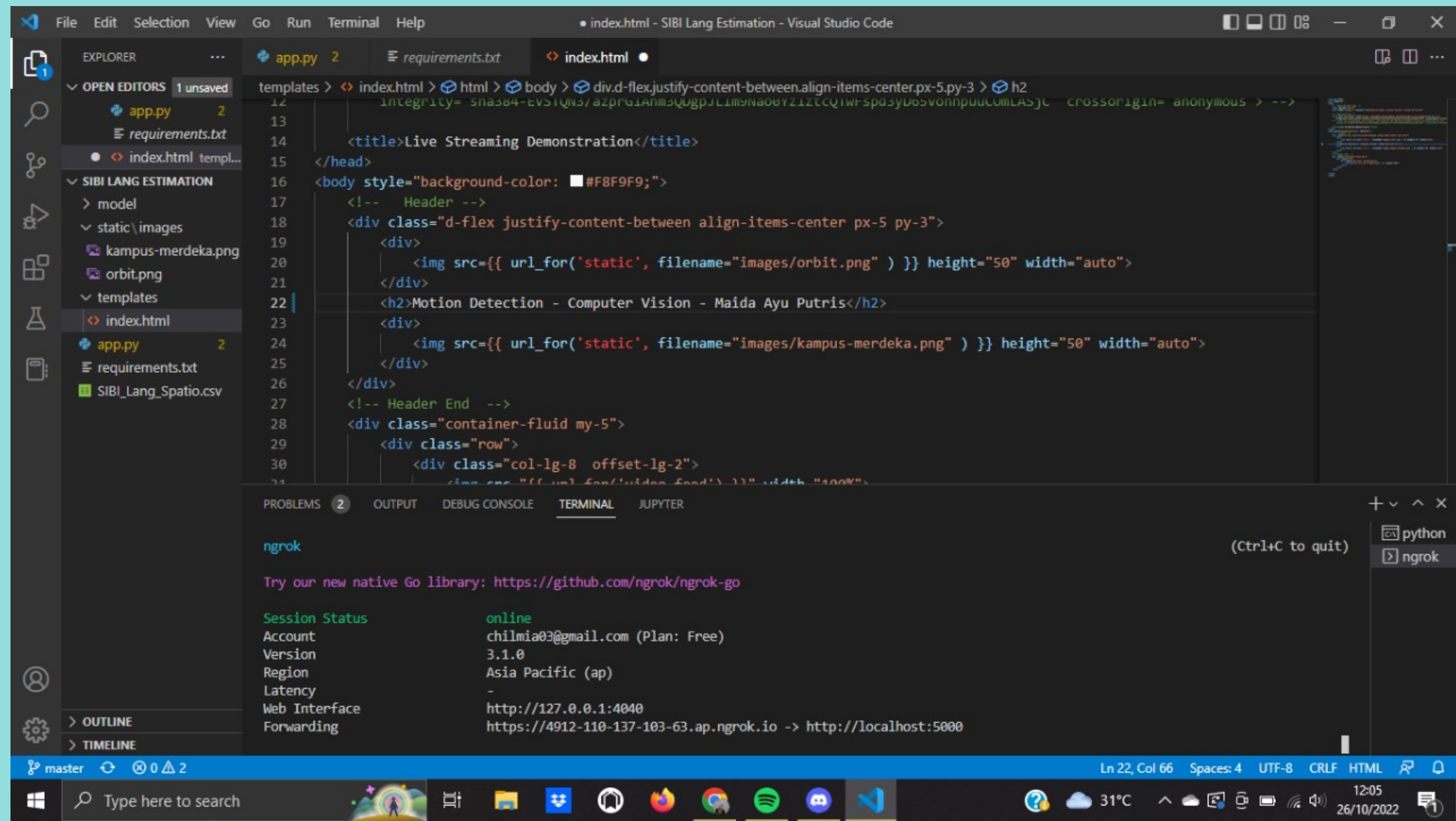
Ln 22, Col 66 Spaces: 4 UTF-8 CRLF HTML

12:03
26/10/2022

PERHATIKAN PORT APLIKASI SIBI LANG ESTIMATION YANG MUNCUL PADA TERMINAL. PORT INI NANTINYA AKANKITA EKSPLOKSIKE PUBLIK MENGGUNAKAN GROK. TERMINAL BARU DI VISUAL STUDIO CODE, KITA PILIH TERMINAL CMD



JALANKANN GROK PADATERMINAL BARU, DENGAN ME
NULISKANN GROK HTTP<PORT>NGROK KEMUDIAN AKAN
MEN-GENERATE LINK LOCALHOST KITAVIA INTERNET.
USER LAIN BISA MENGGUNAKAN LINK TERSEBUT UNT
UK MENGAKSES APLIKASI SIBI LANG ESTIMATION MESK
IP UN APLIKASI TERSEBUT ADA DI LOCALHOST



```
File Edit Selection View Go Run Terminal Help
index.html - SIBI Lang Estimation - Visual Studio Code

EXPLORER
1 unsaved
  app.py 2
  requirements.txt
  index.html templ...
  SIBI LANG ESTIMATION
    > model
    > static\images
      kampus-merdeka.png
      orbit.png
    > templates
      index.html
  app.py 2
  requirements.txt
  SIBI_Lang_Spatio.csv

templates > index.html > html > body > div.d-flex.justify-content-between.align-items-center.px-5.py-3 > h2
12 integrity= snas84-ev5iQW3/azpr6IANm3QugpJLimg9Na00Y2IZtCQ1WfSp03yD05vonnpuuUUMLASjC crossorigin= anonymous > -->
13
14 <title>Live Streaming Demonstration</title>
15 </head>
16 <body style="background-color: #F8F9F9;">
17 <!-- Header -->
18 <div class="d-flex justify-content-between align-items-center px-5 py-3">
19   <div>
20     <img src={{ url_for('static', filename="images/orbit.png" ) }} height="50" width="auto">
21   </div>
22   <h2>Motion Detection - Computer Vision - Maida Ayu Putris</h2>
23   <div>
24     <img src={{ url_for('static', filename="images/kampus-merdeka.png" ) }} height="50" width="auto">
25   </div>
26 </div>
27 <!-- Header End -->
28 <div class="container-fluid my-5">
29   <div class="row">
30     <div class="col-lg-8 offset-lg-2">
31       <img src={{ url_for('static', filename="images/food.png" ) }} height="100" width="100%">
32     </div>
33   </div>
34 </div>
35 </body>
36 </html>
```

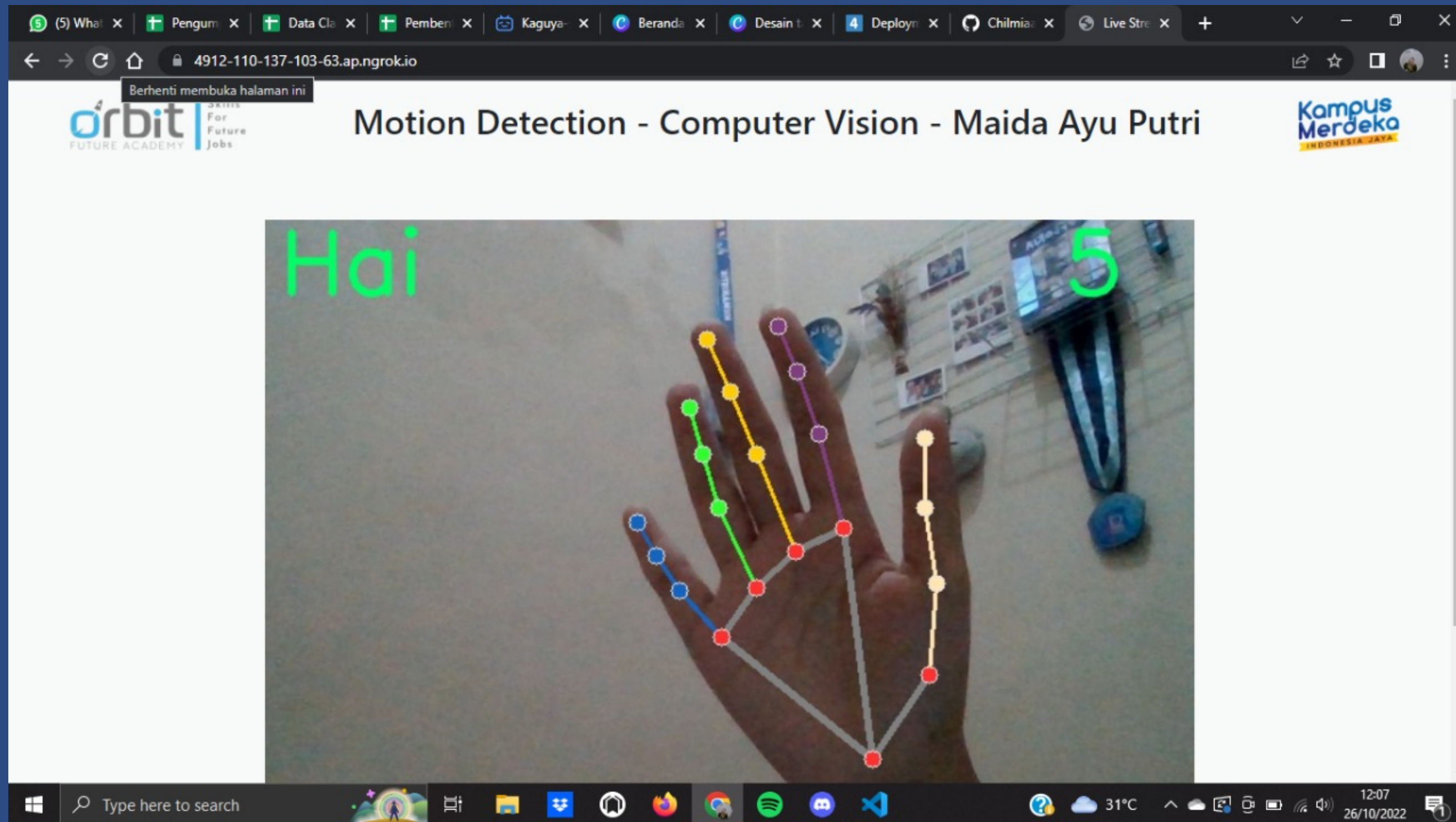
```
PROBLEMS 2 OUTPUT DEBUG CONSOLE TERMINAL JUPYTER
ngrok
(Ctrl+C to quit)
python
ngrok

Try our new native Go library: https://github.com/ngrok/ngrok-go

Session Status      online
Account             chilmi03@gmail.com (Plan: Free)
Version             3.1.0
Region              Asia Pacific (ap)
Latency              -
Web Interface       http://127.0.0.1:4040
Forwarding           https://4912-110-137-103-63.ap.ngrok.io -> http://localhost:5000
```

master 0 2 Ln 22, Col 66 Spaces: 4 UTF-8 CRLF HTML 12:05 26/10/2022

Berikut tampilan SIBI Lang Estimation saat dijalankan.



Thank You

