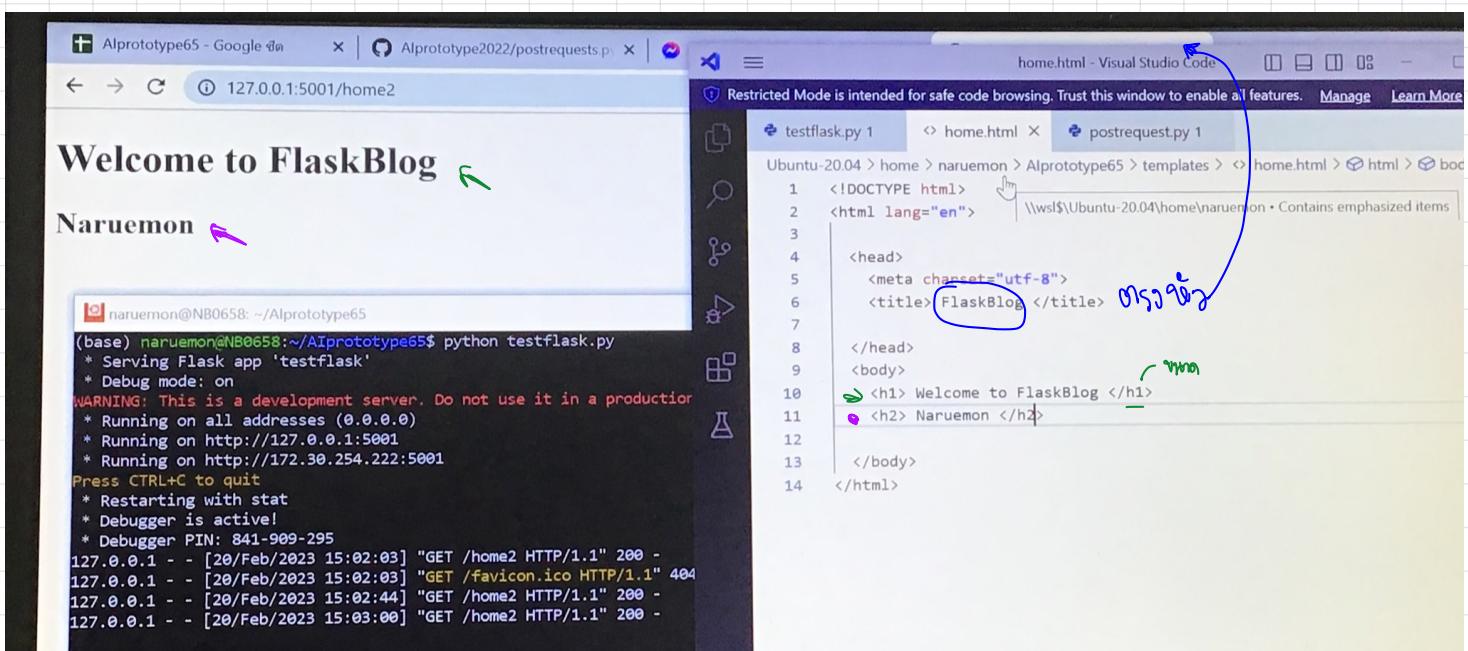
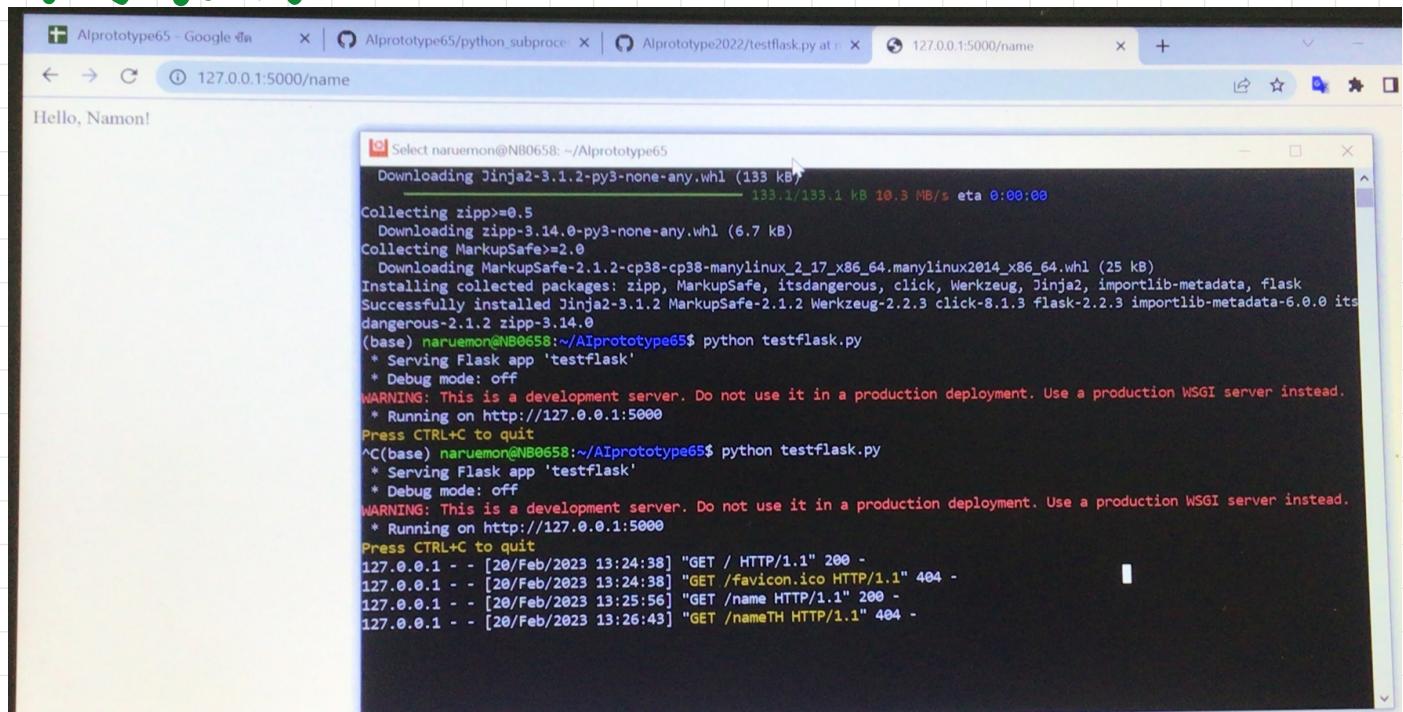
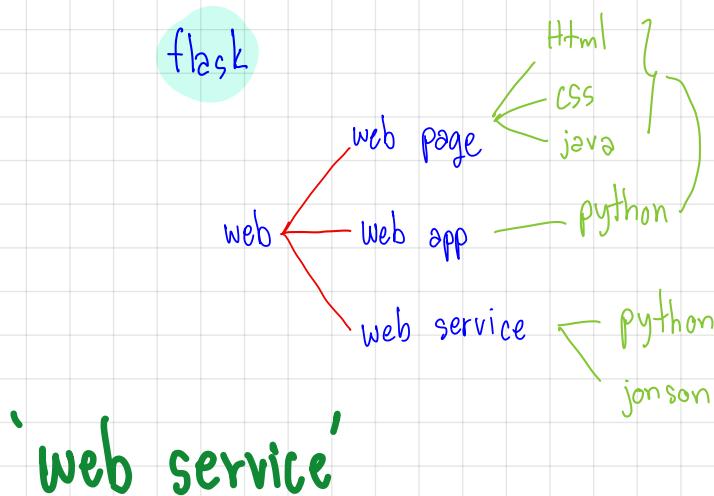
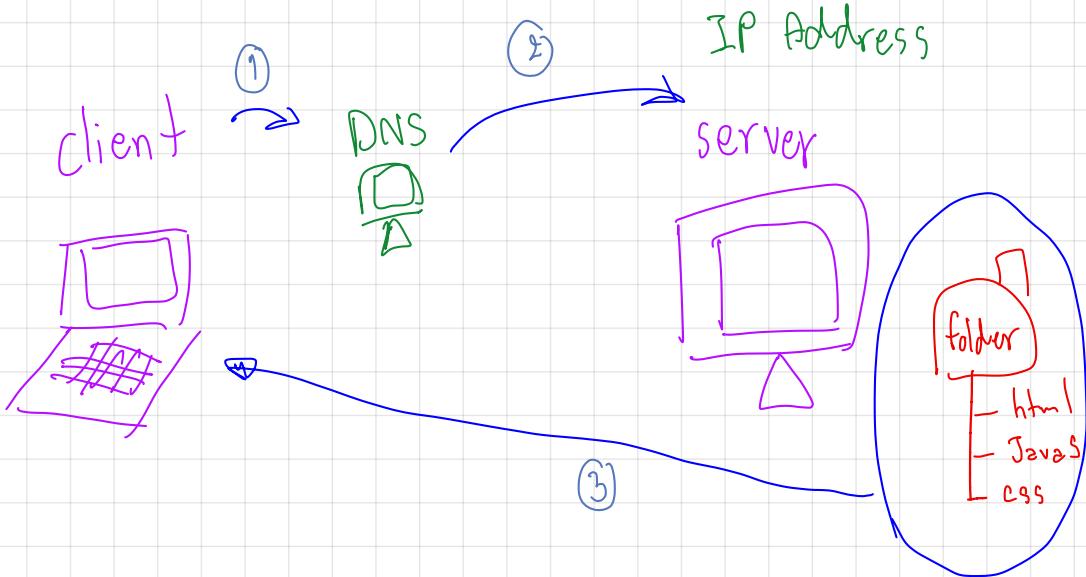


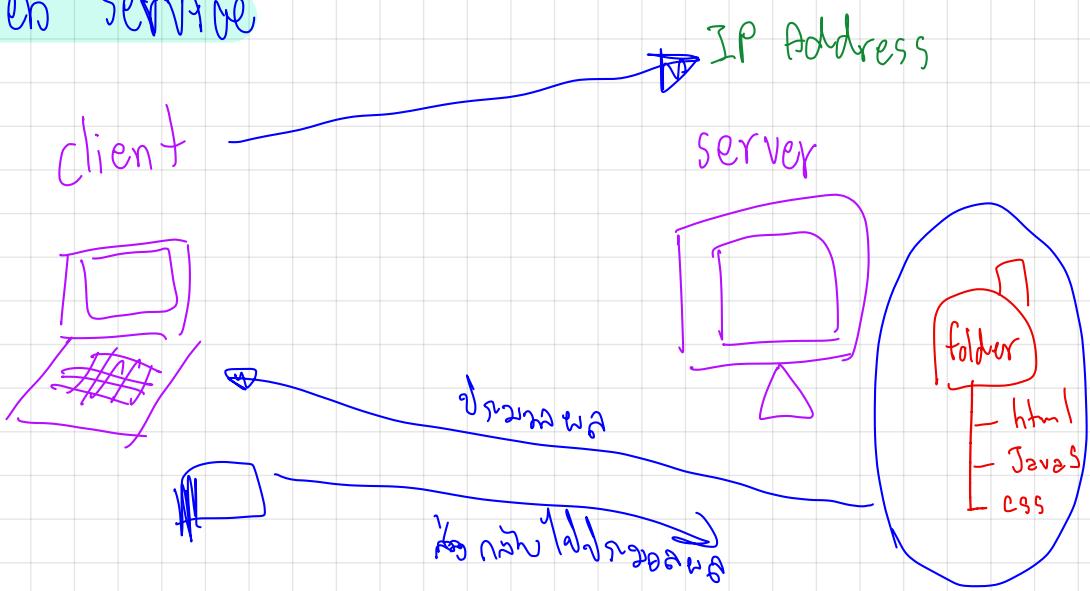
20 O.N. 66



Web app

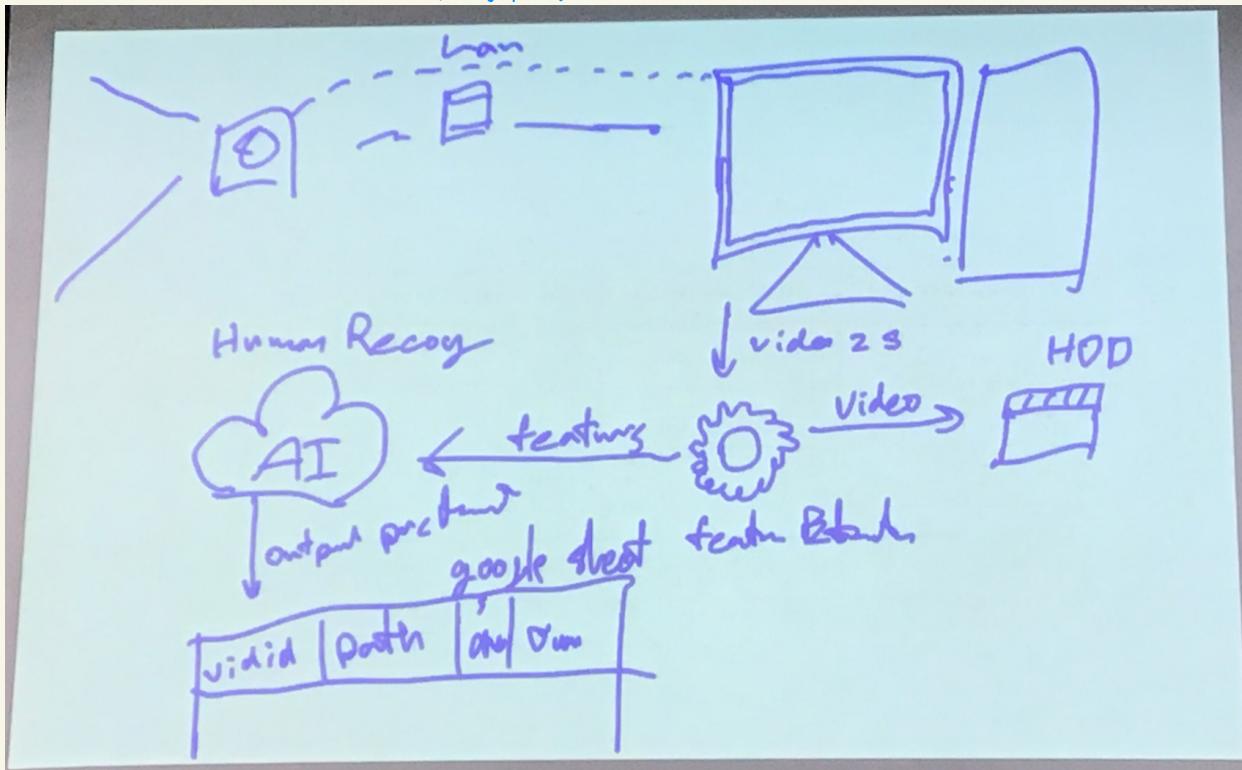


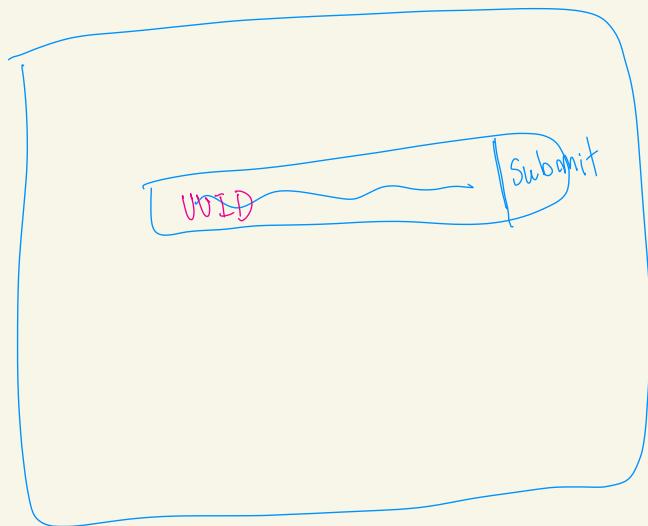
Web service



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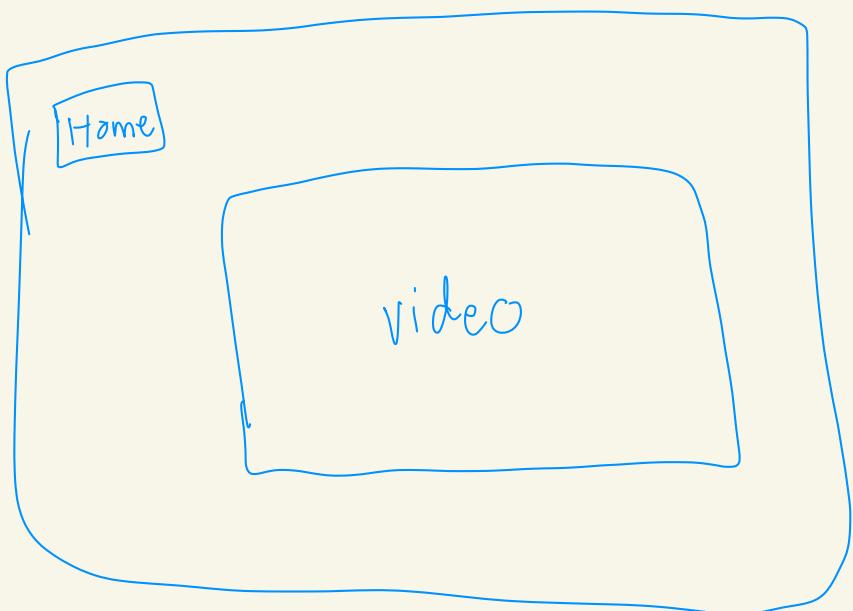




UUID → video generation code



video



```

last login: Sat Mar 11 14:34:50 on ttys000
(base) tohnteb@Tohns-MacBook-Pro Downloads % cd
(base) tohnteb@Tohns-MacBook-Pro ~ % cd Codes
(base) tohnteb@Tohns-MacBook-Pro Codes % git clone https://github.com/tohnperfect/guts_video_visualization.git
Cloning into 'guts_video_visualization'...
remote: Enumerating objects: 3, done.
remote: Counting objects: 100% (3/3), done.
remote: Compressing objects: 100% (3/3), done.
(base) tohnteb@Tohns-MacBook-Pro Codes % ls
prototype2022           BitNetxIcohort_Diplomat_Server DentShadeAI          USAI-Server-CCAAPI          guts_video_
ization      ovrtdbserver          CCA_ABNormality_API          OV-RDT-Deployment          USAI-Server-CCADiplomat      mmaction2pr
prototype65      realSense-ros          ConGUN-Visualization          SSS          VI-lab-TH.github.io          nayoo_ai
md          TNet          tinylogtable          DPDM2021          USAI-Server-CCAAI          askovrtdapi
TNetxIcohort_AI_server
staprep
(base) tohnteb@Tohns-MacBook-Pro Codes % cd guts_video_visualization
(base) tohnteb@Tohns-MacBook-Pro guts_video_visualization % ls
ADME.md
(base) tohnteb@Tohns-MacBook-Pro guts_video_visualization % code test_upload.html
(base) tohnteb@Tohns-MacBook-Pro guts_video_visualization % code server_0.py
(base) tohnteb@Tohns-MacBook-Pro guts_video_visualization % python test_upload.html
File "test_upload.html", line 1
<!DOCTYPE html>
^
SyntaxError: invalid syntax
(base) tohnteb@Tohns-MacBook-Pro guts_video_visualization % mkdir templates
(base) tohnteb@Tohns-MacBook-Pro guts_video_visualization % ls
ADME.md          server_0.py          templates          test_upload.html
(base) tohnteb@Tohns-MacBook-Pro guts_video_visualization % open .
(base) tohnteb@Tohns-MacBook-Pro guts_video_visualization % python server_0.py
Traceback (most recent call last):
  File "server_0.py", line 2, in <module>
    from PIL import Image
ModuleNotFoundError: No module named 'PIL'
(base) tohnteb@Tohns-MacBook-Pro guts_video_visualization %

```

The screenshot shows a terminal window with two tabs: `server_0.py` and `test_upload.html`. The `server_0.py` tab displays Python code for a file upload application. The `test_upload.html` tab displays the HTML code for a file upload form.

```

server_0.py  test_upload.html

Users > tohnteb > Codes > guts_video_visualization > templates > test_upload.html > html > 
1  <!DOCTYPE html>
2  <html>
3  <head>
4      <title>Image Upload</title>
5  </head>
6  <body>
7      <h1>Image Upload</h1>
8      <form action="/upload" method="post" enctype="multipart/form-data">
9          <input type="file" name="image"> I
10         <input type="submit" value="Upload">
11     </form>
12   </body>
13 </html>

```

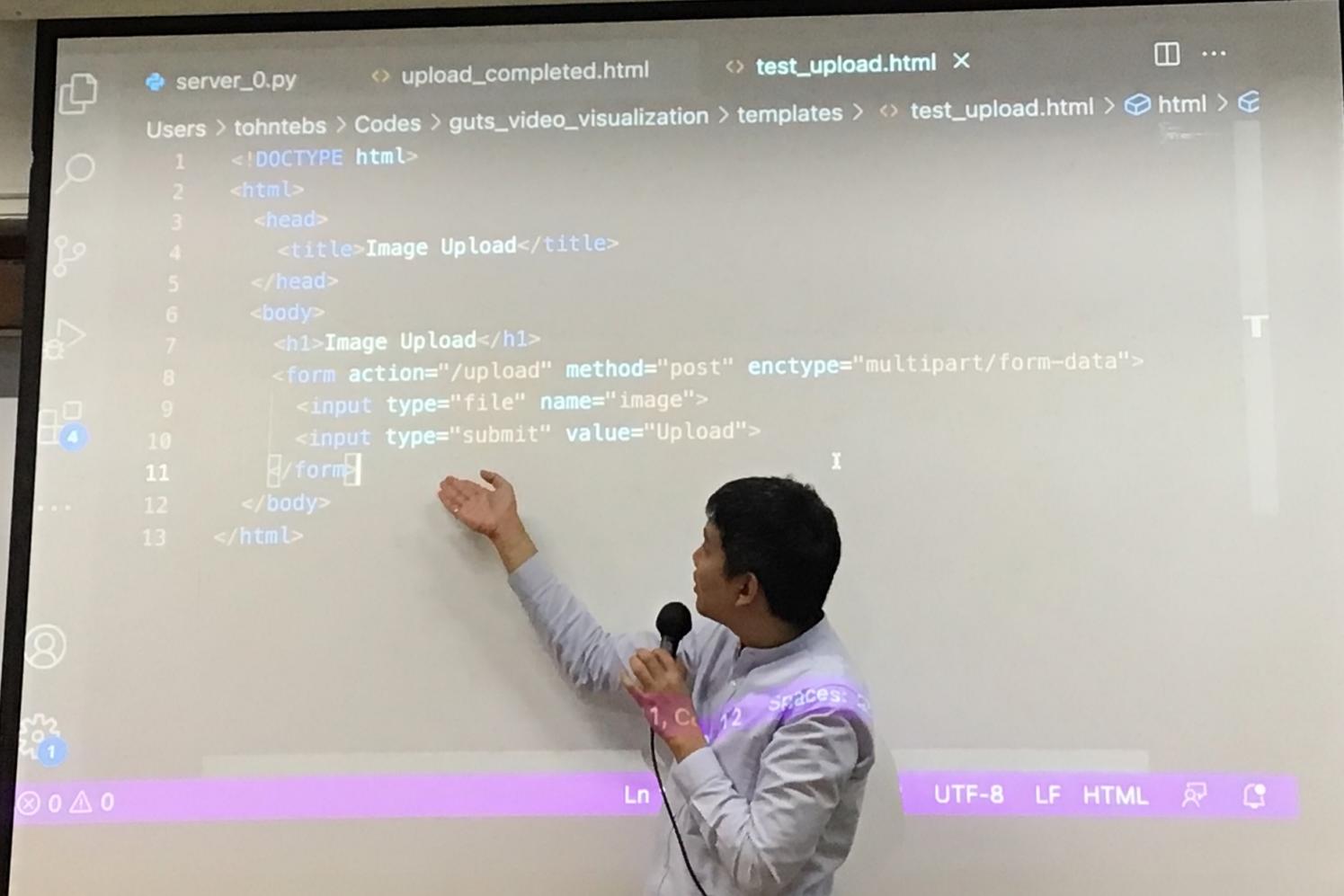
At the bottom of the terminal window, status information is displayed: Ln 9, Col 39 (32 selected) Spaces: 2 UTF-8 LF HTML

```
server_0.py ×  ↳ test_upload.html
Users > tohntebs > Codes > guts_video_visualization > server_0.py
6     @app.route('/')
7     def index():
8         return render_template('test_upload.html')
9
10    @app.route('/upload', methods=['POST'])
11    def upload():
12        file = request.files['image']
13        image = Image.open(file)
14        # Process the image here
15        processed_image = image.rotate(45)
16        # Save the processed image to a file
17        processed_image.save('processed_image.png')
18        # Return the processed image file as a response
19        return send_file('processed_image.png', mimetype='image/png')
20
21    if __name__ == '__main__':
22        app.run(debug=True)

Ln 13, Col 29  Spaces: 4  UTF-8  LF  ( Python  3.8.2 64-bit  ⚙  ⚙
```

```
server_0.py ×  ↳ upload_completed.html  ↳ test_upload.html
Users > tohntebs > Codes > guts_video_visualization > server_0.py
6     @app.route('/')
7     def index():
8         return render_template('test_upload.html')
9
10    @app.route('/upload', methods=['POST'])
11    def upload():
12        file = request.files['image']
13        image = Image.open(file)
14        # Process the image here
15        processed_image = image.rotate(45)
16        # Save the processed image to a file
17        processed_image.save(['static/processed_image.png'])
18        # Return the processed image file as a response
19        return render_template('upload_completed.html')
20        #return send_file('processed_image.png', mimetype='image/png')
21
22    if __name__ == '__main__':
23        app.run(debug=True)

Ln 17, Col 33  Spaces: 4  UTF-8  LF  ( Python  3.8.2 64-bit  ⚙  ⚙
```



A man in a light blue shirt is standing in front of a whiteboard, holding a microphone and pointing his right hand upwards towards the board. He appears to be giving a presentation or lecture.

```

server_0.py      upload_completed.html      test_upload.html X
Users > tohntebs > Codes > guts_video_visualization > templates > test_upload.html > html >
1  <!DOCTYPE html>
2  <html>
3      <head>
4          <title>Image Upload</title>
5      </head>
6      <body>
7          <h1>Image Upload</h1>
8          <form action="/upload" method="post" enctype="multipart/form-data">
9              <input type="file" name="image">
10             <input type="submit" value="Upload">
11         </form>
12     </body>
13 </html>

```

Ln 1, C 12 Spaces: 2

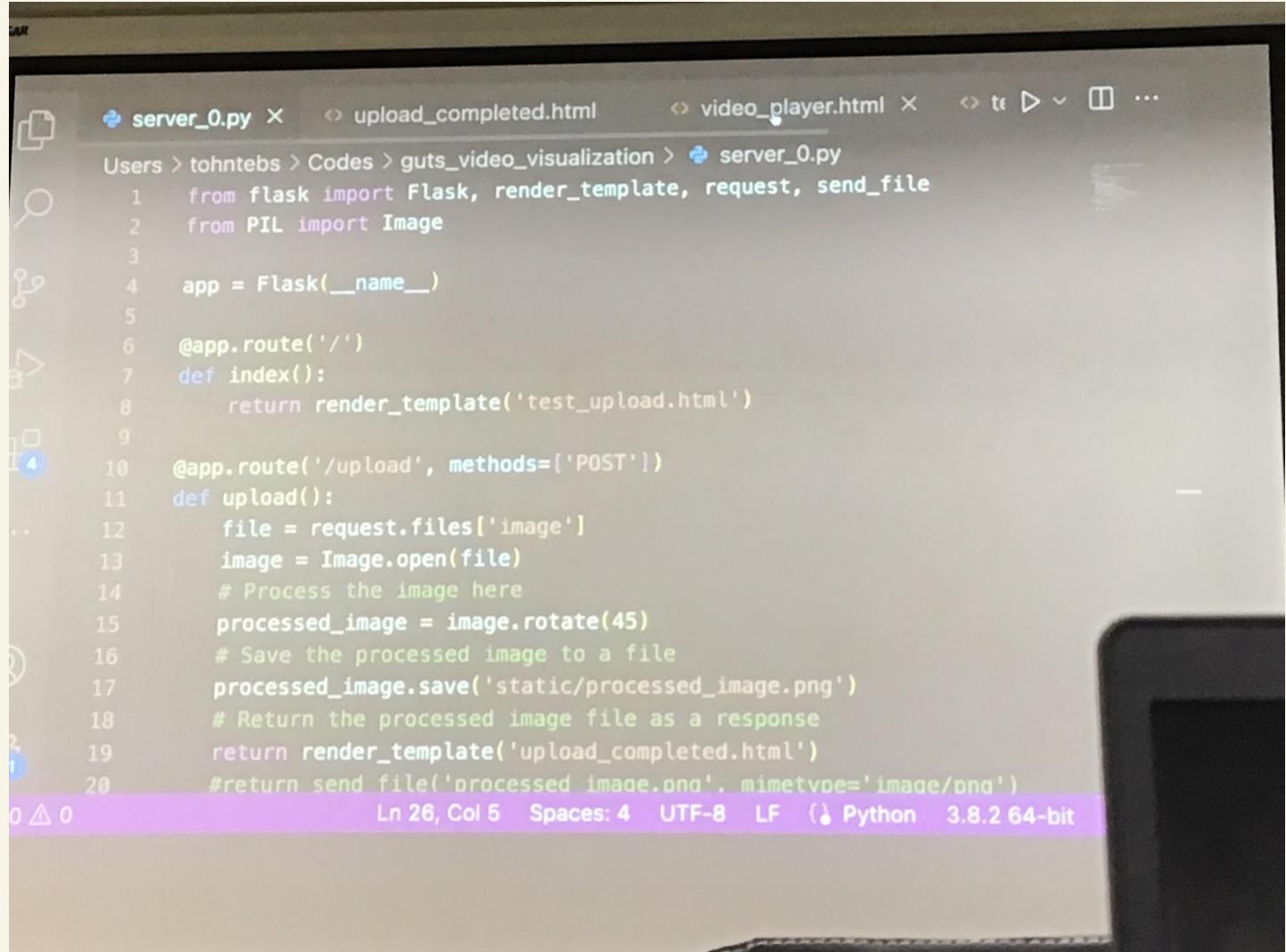
UTF-8 LF HTML ⌂ ⌂

```

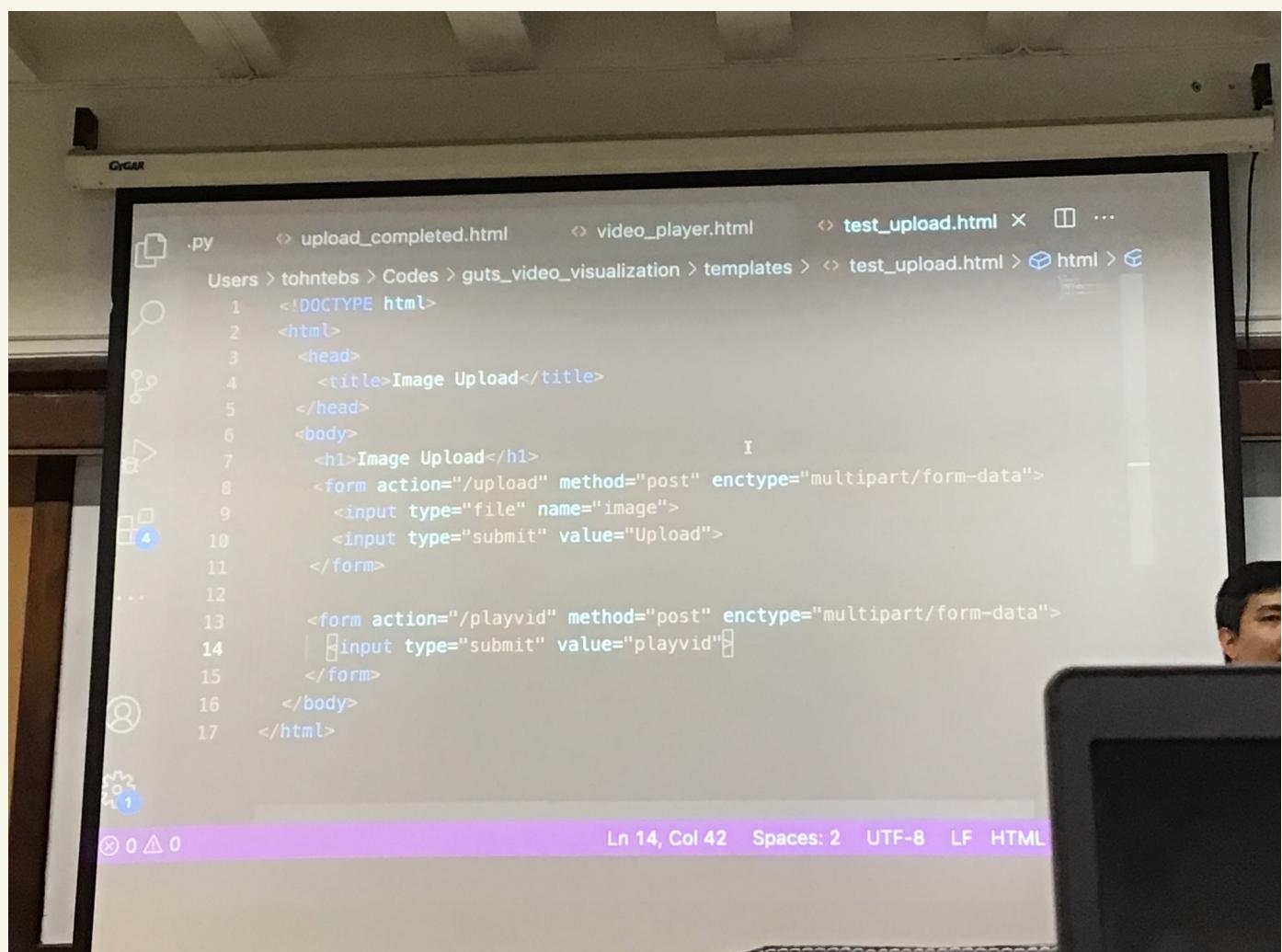
server_0.py X      upload_completed.html      test_upload.html
Users > tohntebs > Codes > guts_video_visualization > server_0.py
    return render_template('test_upload.html')

10 @app.route('/upload', methods=['POST'])
11 def upload():
12     file = request.files['image']
13     image = Image.open(file)
14     # Process the image here
15     processed_image = image.rotate(45)
16     # Save the processed image to a file
17     processed_image.save('static/processed_image.png')
18     # Return the processed image file as a response
19     return render_template('upload_completed.html')
20     #return send_file('processed_image.png', mimetype='image/png')
21
22 if __name__ == '__main__':
23     app.run(debug=True)

```



```
server_0.py X  ↻ upload_completed.html  ↻ video_player.html X  ↻ t  ▶  ⌂  ...
Users > tohntebs > Codes > guts_video_visualization > server_0.py
1   from flask import Flask, render_template, request, send_file
2   from PIL import Image
3
4   app = Flask(__name__)
5
6   @app.route('/')
7   def index():
8       return render_template('test_upload.html')
9
10  @app.route('/upload', methods=['POST'])
11  def upload():
12      file = request.files['image']
13      image = Image.open(file)
14      # Process the image here
15      processed_image = image.rotate(45)
16      # Save the processed image to a file
17      processed_image.save('static/processed_image.png')
18      # Return the processed image file as a response
19      return render_template('upload_completed.html')
20      #return send_file('processed_image.png', mimetype='image/png')
Ln 26, Col 5  Spaces: 4  UTF-8  LF  ( Python  3.8.2 64-bit
```



```
.py  ↻ upload_completed.html  ↻ video_player.html  ↻ test_upload.html X  ⌂  ...
Users > tohntebs > Codes > guts_video_visualization > templates > test_upload.html > html > ↵
1   <!DOCTYPE html>
2   <html>
3       <head>
4           <title>Image Upload</title>
5       </head>
6       <body>
7           <h1>Image Upload</h1>
8           <form action="/upload" method="post" enctype="multipart/form-data">
9               <input type="file" name="image">
10              <input type="submit" value="Upload">
11          </form>
12
13          <form action="/playvid" method="post" enctype="multipart/form-data">
14              <input type="submit" value="playvid">
15          </form>
16      </body>
17  </html>
Ln 14, Col 42  Spaces: 2  UTF-8  LF  HTML
0 △ 0
```