

**ALGORITMA DAN PEMROGRAMAN**

**TOPIK LANJUT**

**(LAYANAN WEB)**



**Disusun Oleh:**

**TIARA DANIRMALA**

**NIM : L200190176**

**TEKNIK INFORMATIKA**

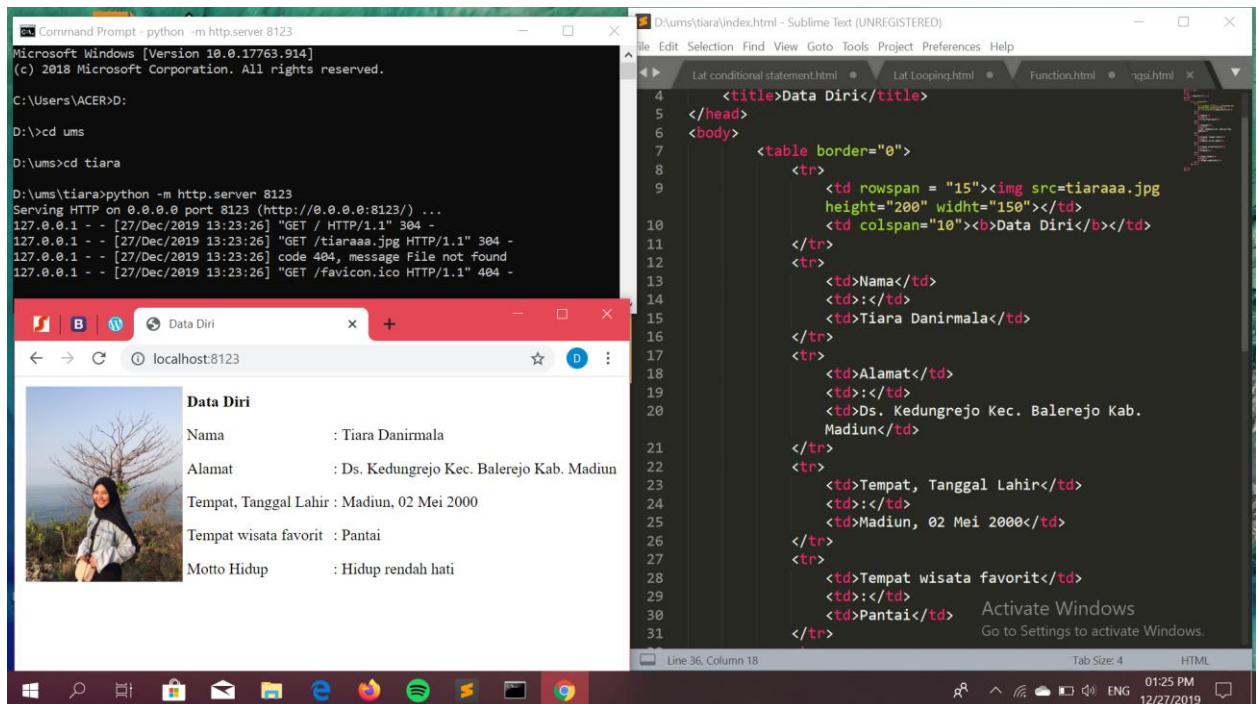
**FAKULTAS ILMU KOMUNIKASI DAN INFORMATIKA**

**UNIVERSITAS MUHAMMADIYAH SURAKARTA**

**2019**

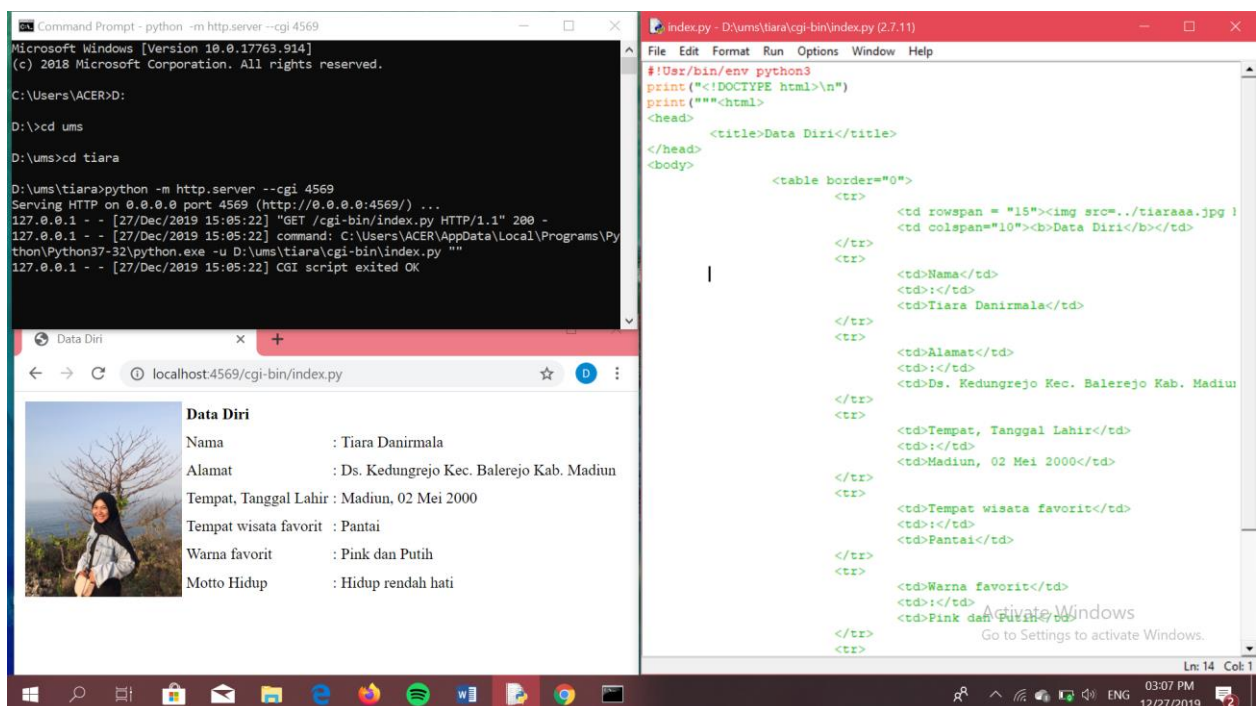
## Kegiatan 1.

### Membuat server web dengan SimpleHTTPRequestHandler



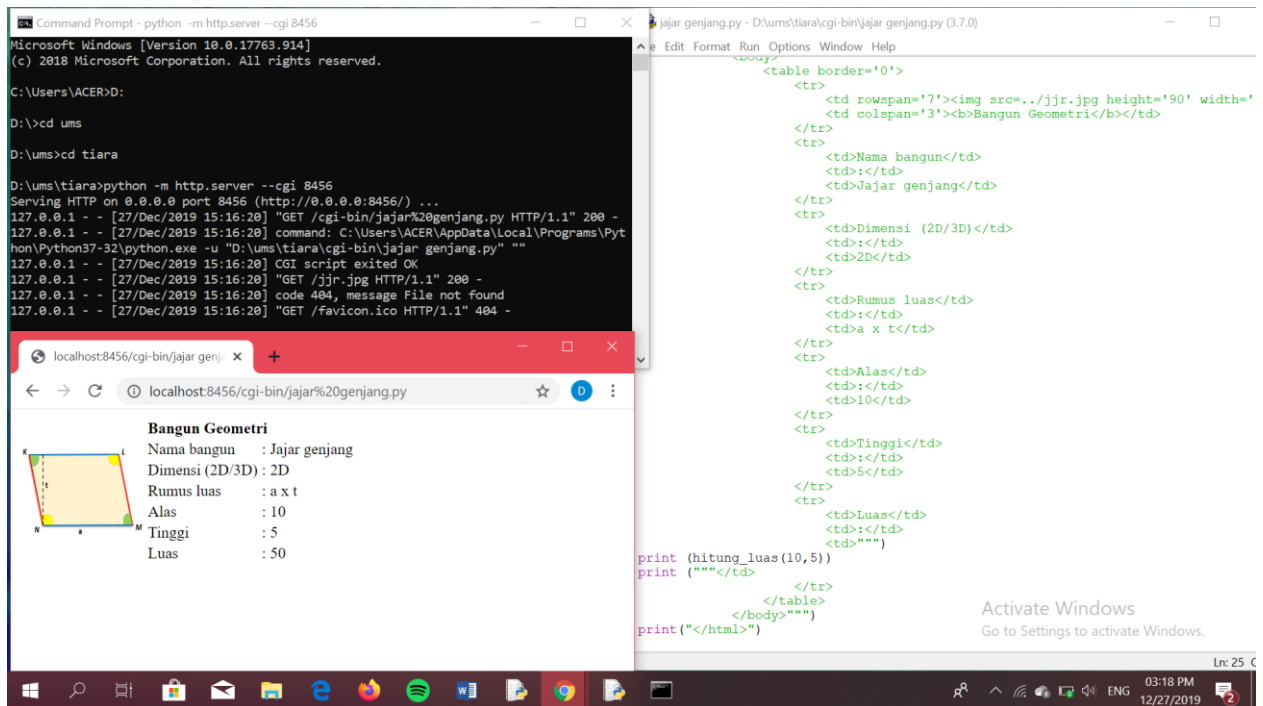
## Kegiatan 2.

### Membuat halaman web dengan CGIHTTPRequestHandler



## Kegiatan 3.

### Aplikasi web dengan CGI



The screenshot shows a Windows desktop with a Python CGI application running on a local server. The application displays a table of geometric data for a trapezoid.

**Command Prompt - python -m http.server --cgi 8456**

```
Microsoft Windows [Version 10.0.17763.914]
(c) 2018 Microsoft Corporation. All rights reserved.

C:\Users\ACER>D:
D:\>cd ums
D:\ums>cd tiara
D:\ums\tiara>python -m http.server --cgi 8456
Serving HTTP on 0.0.0.0 port 8456 (http://0.0.0.0:8456/) ...
127.0.0.1 - - [27/Dec/2019 15:16:20] "GET /cgi-bin/jajar%20genjang.py HTTP/1.1" 200 -
127.0.0.1 - - [27/Dec/2019 15:16:20] command: C:\Users\ACER\AppData\Local\Programs\Python\Python37-32\python.exe -u "D:\ums\tiara\cgi-bin\jajar genjang.py" ""
127.0.0.1 - - [27/Dec/2019 15:16:20] CGI script exited OK
127.0.0.1 - - [27/Dec/2019 15:16:20] "GET /jjar.jpg HTTP/1.1" 200 -
127.0.0.1 - - [27/Dec/2019 15:16:20] code 404, message File not found
127.0.0.1 - - [27/Dec/2019 15:16:20] "GET /favicon.ico HTTP/1.1" 404 -
```

**Browser Window: localhost:8456/cgi-bin/jajar genjang.py**

**Bangun Geometri**

Nama bangun	: Jajar genjang
Dimensi (2D/3D)	: 2D
Rumus luas	: $a \times t$
Alas	: 10
Tinggi	: 5
Luas	: 50

**Python Script: jajar genjang.py**

```
<table border='0'>
<tr>
<td rowspan='7'><img src='../jjar.jpg' height='90' width='
<td colspan='3'><b>Bangun Geometri</b></td>
</tr>
<tr>
<td>Nama bangun</td>
<td></td>
<td>Jajar genjang</td>
</tr>
<tr>
<td>Dimensi (2D/3D)</td>
<td></td>
<td>2D</td>
</tr>
<tr>
<td>Rumus luas</td>
<td></td>
<td> $a \times t$ </td>
</tr>
<tr>
<td>Alas</td>
<td></td>
<td>10</td>
</tr>
<tr>
<td>Tinggi</td>
<td></td>
<td>5</td>
</tr>
<tr>
<td>Luas</td>
<td></td>
<td>50</td>
</tr>
</table>
</body>
</html>
```

Activate Windows  
Go to Settings to activate Windows.