

ALGORITMA DAN PEMROGRAMAN

TOPIK LANJUT (LAYANAN WEB)



DISUSUN OLEH:

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INFORMATIKA

FAKULTAS KOMUNIKASI DAN INFORMASI

UNIVERSITAS MUHAMMADIYAH SURAKARTA

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Kegiatan 2.

Source dari program python:

```

indexpy - C:\Users\hamid\appdata\Local\Programs\indexpy-3.8.0
File Edit Format Run Options Window Help

print("<!DOCTYPE html>\n")
print("""<html>
<head><title>Data Diri</title></head>""")

print("""<body>
<table>

    <tr>
        <td rowspan="7"></td>
    </tr>
    <tr>
        <td><h3><b>Data diri</b></h3></td>
    </tr>
    <tr>
        <td><Name></td>
        <td>Alifan Makruf Nur Sholehudin</td>
    </tr>
    <tr>
        <td><Alamat Tinggal></td>
        <td>Ngemplak RT 02 RW 12,Mgadirojo Kidul Ngadirojo, Wonogiri</td>
    </tr>
    <tr>
        <td><TTL></td>
        <td>Wonogiri,18 Agustus 2000</td>
    </tr>
    <tr>
        <td><Tempat wisata favorit></td>
        <td>Ujung Rulom</td>
    </tr>
    <tr>
        <td><Motto></td>
        <td>Semua akan baik baik saja</td>
    </tr>
</table>
</body>
</html>
""")

```

Screenshoot dari halaman web:

The screenshot displays a Windows desktop environment. On the left, a terminal window titled "Prompt Persintah - cmd - httpserver - cgi 8000" shows the execution of a Python script to serve a directory. The script is located at `C:\Users\hamid sayidi abdulla\Desktop` and is named `httpserver.py`. The terminal output shows the script successfully serving the directory `http://127.0.0.1:8000/` and responding to various HTTP requests, including GET requests for `/cgi-bin/index.py` and `/cgi-bin/index.py/1.1`, and a POST request for `/cgi-bin/index.py/1.1`. The script also handles a 404 error for a missing file `/cgi-bin/index.py/1.1`.

On the right, a web browser window (Microsoft Edge) shows the content of the `/cgi-bin/index.py` file. The page displays a profile for "Data diri" (Personal Data) with the following information:

- Name: Alfian Makruf Nur Sholehudin
- Alamat Tinggal: Ngemplak RT 02 RW 12, Ngadirojo Kidul Ngadirojo, Wonogiri
- TTL: Wonogiri, 18 Agustus 2000
- Tempat wisata favorit: Ujung Kulon
- Motto: semua akan baik saja

The browser window also shows a small image of a person wearing a red headband and a black t-shirt with a graphic.

Kegiatan 3

Source dari program python:

```
persegi.py - C:\Users\hamid sayidi abdulla\Desktop\cgi-bin\persegi.py (3.8.0)
File Edit Format Run Options Window Help
def hitung(sisi):
    hasil = sisi**2
    return hasil
print("""<doctype html>
<html>
<head>
<title>Data diri</title>
</head>
<body>
    <table>
        <tr>
            <td><h3><b>Bangun Geometri</b></h3></td>
        </tr>
        <tr>
            <td>Nama Bangun</td>
            <td></td>
            <td>Persegi</td>
        </tr>
        <tr>
            <td>Dimensi (2D/3D)</td>
            <td></td>
            <td>2D</td>
        </tr>
        <tr>
            <td>Rumus</td>
            <td></td>
            <td>sisi x sisi</td>
        </tr>
        <tr>
            <td>sisi</td>
            <td></td>
            <td>6 cm</td>
        </tr>
        <tr>
            <td>luas</td>
            <td></td>
            <td>36 cm</td>
        </tr>
    </table>
</body>
</html>
""")
print("<td>", hitung(6), "cm </td>")
print("""</table>
</body>
</html>
""")
```

Screenshoot dari halaman web:

