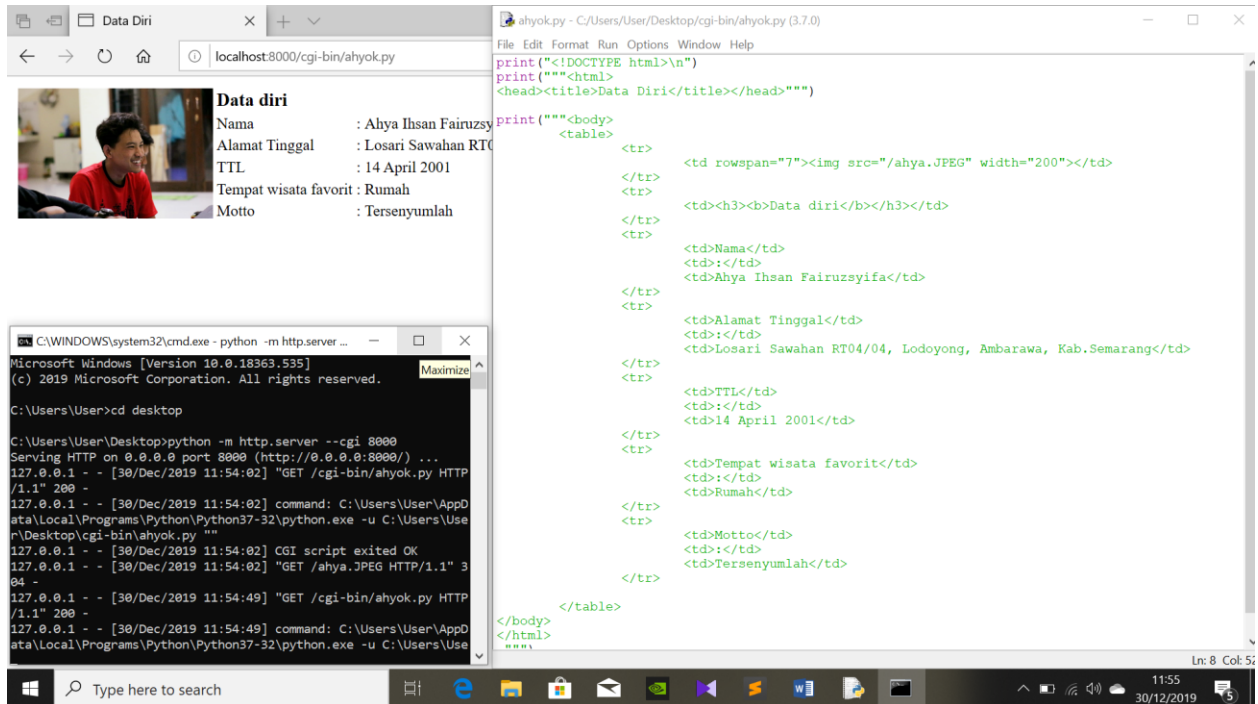


Praktikum Algoritma dan Pemrograman

Modul 12


Kegiatan 1 dan Kegiatan 2



The screenshot displays a web browser window, a Python script file, and a command prompt window, illustrating a web server setup for a CGI script.

Web Browser (localhost:8000/cgi-bin/ahyok.py):

Data diri

 Nama : Ahya Ihsan Fairuzsyifa
Alamat Tinggal : Losari Sawahan RT04/04, Lodayong, Ambarawa, Kab.Semarang
TTL : 14 April 2001
Tempat wisata favorit : Rumah
Motto : Tersenyumlah

Python Script (ahyok.py):

```
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>Nama</td>
<td></td>
<td>Ahya Ihsan Fairuzsyifa</td>
</tr>
<tr>
<td>Alamat Tinggal</td>
<td></td>
<td>Losari Sawahan RT04/04, Lodayong, Ambarawa, Kab.Semarang</td>
</tr>
<tr>
<td>TTL</td>
<td></td>
<td>14 April 2001</td>
</tr>
<tr>
<td>Tempat wisata favorit</td>
<td></td>
<td>Rumah</td>
</tr>
<tr>
<td>Motto</td>
<td></td>
<td>Tersenyumlah</td>
</tr>
</table>
</body>
</html>
""",
```

Command Prompt:

```
C:\WINDOWS\system32\cmd.exe - python -m http.server ...
(c) 2019 Microsoft Corporation. All rights reserved.
C:\Users\User>cd desktop
C:\Users\User\Desktop>python -m http.server --cgi 8000
Serving HTTP on 0.0.0.0 port 8000 (http://0.0.0.0:8000/) ...
127.0.0.1 - - [30/Dec/2019 11:54:02] "GET /cgi-bin/ahyok.py HTTP
/1.1" 200 -
127.0.0.1 - - [30/Dec/2019 11:54:02] command: C:\Users\User\AppData\Local\Programs\Python\Python37-32\python.exe -u C:\Users\User\Desktop\cgi-bin\ahyok.py ""
127.0.0.1 - - [30/Dec/2019 11:54:02] CGI script exited OK
127.0.0.1 - - [30/Dec/2019 11:54:02] "GET /ahya.JPG HTTP/1.1" 304 -
127.0.0.1 - - [30/Dec/2019 11:54:49] "GET /cgi-bin/ahyok.py HTTP
/1.1" 200 -
127.0.0.1 - - [30/Dec/2019 11:54:49] command: C:\Users\User\AppData\Local\Programs\Python\Python37-32\python.exe -u C:\Users\User\Desktop\cgi-bin\ahyok.py ""
```

Kegiatan 3

The screenshot displays a web browser window at `localhost:8000/cgi-bin/keg3.py` showing the output of a CGI script. The output is an HTML page titled "Bangun Geometri" containing a table with the following data:

Nama Bangun	: Persegi
Dimensi(2D/3D)	: 2D
Rumus	: sisi x sisi
sisi	: 10 cm
luas	: 100 cm

Below the browser window, a command prompt shows the execution of the script:

```
C:\WINDOWS\system32\cmd.exe - python -m http.server --cgi 8000
Microsoft Windows [Version 10.0.18363.535]
(c) 2019 Microsoft Corporation. All rights reserved.

C:\Users\User>cd desktop
C:\Users\User\Desktop>python -m http.server --cgi 8000
Serving HTTP on 0.0.0.0 port 8000 (http://0.0.0.0:8000/) ...
127.0.0.1 - - [30/Dec/2019 12:00:32] "GET /cgi-bin/keg3.py HTTP/1.1" 200 -
127.0.0.1 - - [30/Dec/2019 12:00:32] command: C:\Users\User\AppData\Local\Programs\Python\Python37-32\python.exe -u C:\Users\User\Desktop\cgi-bin\keg3.py ""
127.0.0.1 - - [30/Dec/2019 12:00:32] CGI script exited OK
127.0.0.1 - - [30/Dec/2019 12:00:57] "GET /cgi-bin/keg3.py HTTP/1.1" 200 -
127.0.0.1 - - [30/Dec/2019 12:00:57] command: C:\Users\User\AppData\Local\Programs\Python\Python37-32\python.exe -u C:\Users\User\Desktop\cgi-bin\keg3.py ""
127.0.0.1 - - [30/Dec/2019 12:00:57] CGI script exited OK
```

To the right, a code editor shows the source code of `keg3.py`:

```
def hitung(sisi):
    hasil = sisi**2
    return hasil
print ('""<!doctype html>
<html>
<head>
<title>Bangun Geometri</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>10 cm</td>
        </tr>
        <tr>
            <td>luas</td>
            <td>:</td>
            <td>""</td>
        </tr>
    </table>
</body>
</html>
print("<td>", hitung(10), "cm </td>")
print('""</table>
</body>
</html>
Ln: 33 Col: 9
```