

ALGORITMA DAN PEMROGRAMAN
TOPIK LANJUT (LAYANAN WEB)



DISUSUN OLEH:

RAMADHANA WAHID AJI PAMUNGKAS

L200190190


INFORMATIKA

FAKULTAS KOMUNIKASI DAN INFORMATIKA

UNIVERSITAS MUHAMMADIYAH SURAKARTA

2019

KEGIATAN 1.



Data diri


Nama : Ramadhana Wahid Aji Pamungkas
Alamat tinggal : Blulukan Colomadu
Tempat, tanggal lahir : Karanganyar, 27-11-2000
Tempat wisata favorit : Pantai
Motto : Jangan menyerah

```
Microsoft Windows [Version 10.0.18362.535]
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C:\Users\USER>cd desktop
C:\Users\USER\Desktop>cd L200190190
C:\Users\USER\Desktop\L200190190>python -m http.server 8123
Serving HTTP on 0.0.0.0 port 8123 (http://0.0.0.0:8123/) ...
127.0.0.1 - - [27/Dec/2019 14:00:13] "GET / HTTP/1.1" 200 -
127.0.0.1 - - [27/Dec/2019 14:00:14] "GET /gambar%20ums.jpg HTTP/1.1" 200 -
```

```
<html>
<head><title>kegiatan1</title></head>
<body>
<img src='gambar ums.jpg' height='150' width='200' align
<table>
<tr>
<td><b>Data diri</b></td>
</tr>
<tr>
<td>Nama</td>
<td></td>
<td>Ramadhana Wahid Aji Pamungkas</td>
</tr>
<tr>
<td>Alamat tinggal</td>
<td></td>
<td>Blulukan Colomadu</td>
</tr>
<tr>
<td>Tempat, tanggal lahir</td>
<td></td>
<td>Karanganyar, 27-11-2000</td>
</tr>
<tr>
<td>Tempat wisata favorit</td>
```

KEGIATAN 2.



Data diri

Nama : Ramadhana Wahid Aji Pamungkas
Alamat tinggal : Blulukan Colomadu
Tempat, tanggal lahir : Karanganyar, 27-11-2000
Tempat wisata favorit : Pantai
Motto : Jangan menyerah

```
Microsoft Windows [Version 10.0.18362.535]
(c) 2019 Microsoft Corporation. All rights reserved.

C:\Users\USER>cd desktop
C:\Users\USER\Desktop>cd L200190190
C:\Users\USER\Desktop\L200190190>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 15:54:35] "GET /cgi-bin/index.py HTTP/1.1" 200 -
127.0.0.1 - - [27/Dec/2019 15:54:35] command: C:\Python37\python.exe -u C:\Users\USER\Desktop\L200190190\cgi-bin\index.py ""
127.0.0.1 - - [27/Dec/2019 15:54:35] CGI script exited OK
127.0.0.1 - - [27/Dec/2019 15:54:39] code 404, message File not found
127.0.0.1 - - [27/Dec/2019 15:54:39] "GET /favicon.ico HTTP/1.1" 404 -
```

```
#!/usr/bin/env python3
print("<DOCTYPE html>\n")
print("<html>")
<head><title>kegiatan1</title></head>
<body>
<img src='../gambar ums.jpg' height='150' width='200' align='ie
<table>""
<tr>
<td><b>Data diri</b></td>
</tr>
<tr>
<td>Nama</td>
<td></td>
<td>Ramadhana Wahid Aji Pamungkas</td>
</tr>
<tr>
<td>Alamat tinggal</td>
<td></td>
<td>Blulukan Colomadu</td>
</tr>
<tr>
<td>Tempat, tanggal lahir</td>
<td></td>
<td>Karanganyar, 27-11-2000</td>
</tr>
<tr>
<td>Tempat wisata favorit</td>
```

KEGIATAN 3.

The image shows a web browser window on the left and a Notepad++ editor on the right, both displaying content related to a CGI script named `balok.py`.

Web Browser (Left):

- Address bar: `localhost:8345/cgi-bin/balok.py`
- Page Title: **Bangun Geometri**
- Content:
 - Nama bangun : Balok
 - Dimensi (2D/3D): 3D
 - Rumus luas : $2*((p*l)+(p*t)+(l*t))$
 - Parameter1 : 2
 - Parameter2 : 3
 - Parameter3 : 4
 - luas: 52.0

Notepad++ (Right):

- File Name: `C:\Users\USER\Desktop\L200190190\cgi-bin\balok.py - Notepad++`
- Code:

```
1 #!/usr/bin/env python3
2
3 def hitung_luas(luas):
4     """fungsi menghitung luas dari balok
5     p = panjang;
6     l = lebar;
7     t = tinggi;"""
8     hasil = 2*((p*l)+(p*t)+(l*t))
9     return hasil
10
11 print("<!DOCTYPE html>\n")
12 print("<html>")
13 print("<head><title>kegiatan3</title></head>")
14 print("<body>")
15 print("<h3>Bangun Geometri</h3>")
16 print("<p>Nama bangun : Balok</p>")
17 print("<p>Dimensi (2D/3D): 3D</p>")
18 print("<p>Rumus luas : 2*((p*l)+(p*t)+(l*t))</p>")
19 print("<p>Parameter1 : 2 </p>")
20 print("<p>Parameter2 : 3 </p>")
21 print("<p>Parameter3 : 4 </p>")
22 print("<p>luas: 52.0 </p>")
23
24 print("</body></html>")
```

The browser window shows the output of the script, which is an HTML page titled "Bangun Geometri". The script calculates the surface area of a rectangular prism (balok) with dimensions 2, 3, and 4, resulting in a surface area of 52.0. The Notepad++ window shows the source code of the script, which uses a function `hitung_luas` to perform the calculation.