

## LAPORAN AKHIR PRAKTIKUM

Mata Praktikum : Pemograman Jaringan

Kelas : 4IA02

Praktikum ke- : 3

Tanggal : 21/04/2023

Materi : Membuat web dengan flask

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Paraf Asisten :

Nama Asisten :

Jumlah Lembar : 4 Lembar

LABORATORIUM TEKNIK INFORMATIKA

UNIVERSITAS GUNADARMA

2024

1. Pertama-tama kita install framework yang di butuhkan terlebih dahulu

```
Command Prompt
Microsoft Windows [Version 10.0.19045.2846]
(c) Microsoft Corporation. All rights reserved.

C:\Users\ASUS>pip install flask
Collecting flask
  Downloading Flask-2.2.3-py3-none-any.whl (101 kB)
----- 101.8/101.8 kB 1.9 MB/s eta 0:00:00
Collecting Werkzeug>=2.2.2
  Downloading Werkzeug-2.2.3-py3-none-any.whl (233 kB)
----- 233.6/233.6 kB 4.8 MB/s eta 0:00:00
Collecting Jinja2>=3.0
  Downloading Jinja2-3.1.2-py3-none-any.whl (133 kB)
----- 133.1/133.1 kB 4.0 MB/s eta 0:00:00
Collecting itsdangerous>=2.0
  Downloading itsdangerous-2.1.2-py3-none-any.whl (15 kB)
Collecting click>=8.0
  Downloading click-8.1.3-py3-none-any.whl (96 kB)
----- 96.6/96.6 kB 5.4 MB/s eta 0:00:00
Collecting colorama
  Downloading colorama-0.4.6-py2.py3-none-any.whl (25 kB)
Collecting MarkupSafe>=2.0
  Downloading MarkupSafe-2.1.2-cp311-cp311-win_amd64.whl (16 kB)
Installing collected packages: MarkupSafe, itsdangerous, colorama, Werkzeug, Jinja2, click, flask
Successfully installed Jinja2-3.1.2 MarkupSafe-2.1.2 Werkzeug-2.2.3 click-8.1.3 colorama-0.4.6 flask-2.2.3 itsdangerous-2.1.2
```

2. Lalu lakukan set execution

```
PS D:\D '\labti\pjar\pert 3> set-ExecutionPolicy -ExecutionPolicy RemoteSigned -Scope Process
PS D:\D '\labti\pjar\pert 3>
```

3. Aktifkan virtual env

```
PROBLEMS  OUTPUT  DEBUG CONSOLE  TERMINAL

(myenv) PS D:\D '\labti\pjar\pert 3> pip install virtualenv
Collecting virtualenv
  Using cached virtualenv-20.21.0-py3-none-any.whl (8.7 MB)
Collecting distlib<1,>=0.3.6
  Using cached distlib-0.3.6-py2.py3-none-any.whl (468 kB)
Collecting filelock<4,>=3.4.1
  Using cached filelock-3.11.0-py3-none-any.whl (10.0 kB)
Collecting platformdirs<4,>=2.4
  Using cached platformdirs-3.2.0-py3-none-any.whl (14 kB)
Installing collected packages: distlib, platformdirs, filelock, virtualenv
Successfully installed distlib-0.3.6 filelock-3.11.0 platformdirs-3.2.0 virtualenv-20.21.0
(myenv) PS D:\D '\labti\pjar\pert 3>
```

4. Lalu kita tuliskan seperti ini

```

pert 3 > app.py
1  from flask import Flask
2
3  app = Flask(__name__)
4
5  @app.route('/')
6
7  def home():
8      return 'hello world'
9
10 @app.route('/about')
11 def tentang():
12     return 'hai, ini adalah halaman tentang saya (Sinatra Kusuma 56419075)'
13
14 if __name__ == '__main__':
15     app.run(debug=True)

```

5. Lalu jalankan servernya

```

● PS D:\D '\labti\pjar\pert 3> python main.py
○ PS D:\D '\labti\pjar\pert 3> python main.py
  * Serving Flask app 'main'
  * Debug mode: off
● WARNING: This is a development server. Do not use it in a production dep
● loyment. Use a production WSGI server instead.
● * Running on http://127.0.0.1:5000
  Press CTRL+C to quit
  □

```

6. Apabila codingan benar maka akan jalan tampilan sebagai berikut

---

# Hello, World!

7. Lalu tuliskan program kedua dan jalankan

```
pert 3 > app.py > tentang
1  from flask import Flask
2
3  app = Flask(__name__)
4
5  @app.route('/')
6
7  def home():
8      return 'hello world'
9
10 @app.route('/about')
11 def tentang():
12     return 'hai, ini adalah halaman tentang saya (Sinatra Kusuma 56419075)'
13
14 if __name__ == '__main__':
15     app.run(debug=True)
```

Apabila berhasil maka akan tampil tampilan berikut

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hai, ini adalah halaman tentang saya (Sinatra Kusuma 56419075)