

Sistem Terdistribusi

Praktikum Docker



Oleh :

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ILMU KOMPUTER

TEKNIK INFORMATIKA

TEKNIK DAN KEJURUAN

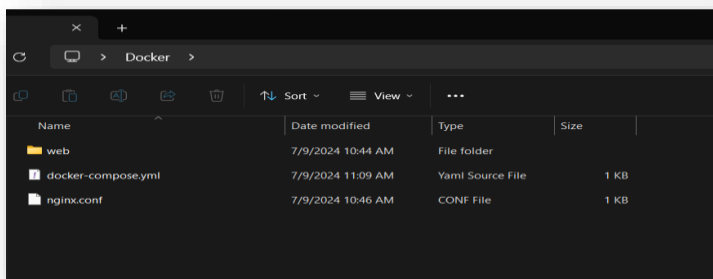
UNIVERSITAS PENDIDIKAN GANESHA

SINGARAJA

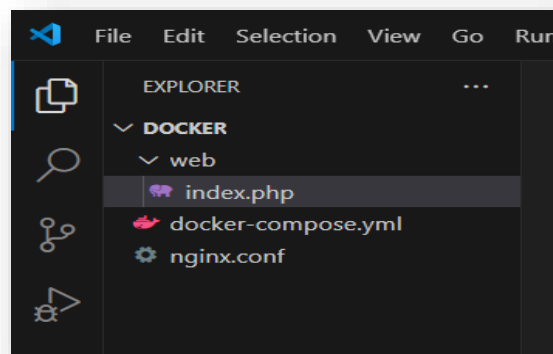
2024

Langkah – Langkah

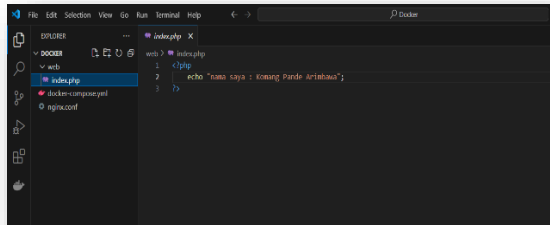
1. Download dokcer di link <https://www.docker.com/products/docker-desktop/>
2. Setelah itu install dokcer
3. Buat folder



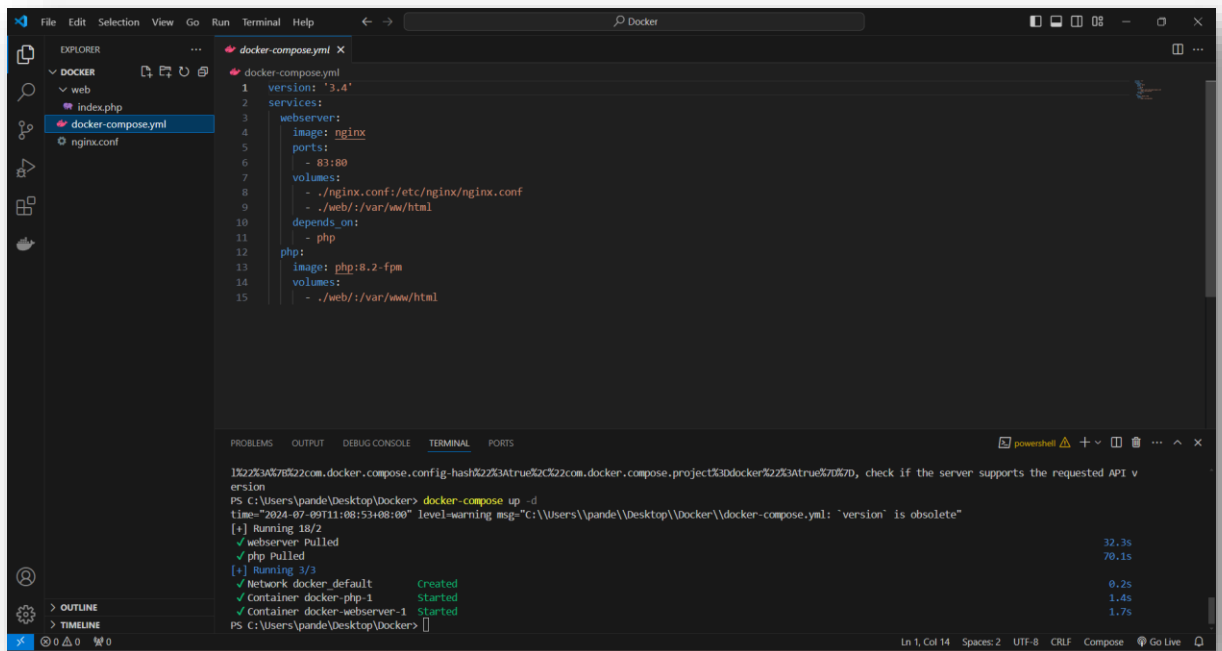
4. Lalu buka vs code, lalu buka folder yang di buat tadi lalu buat file seperti gambar di bawah



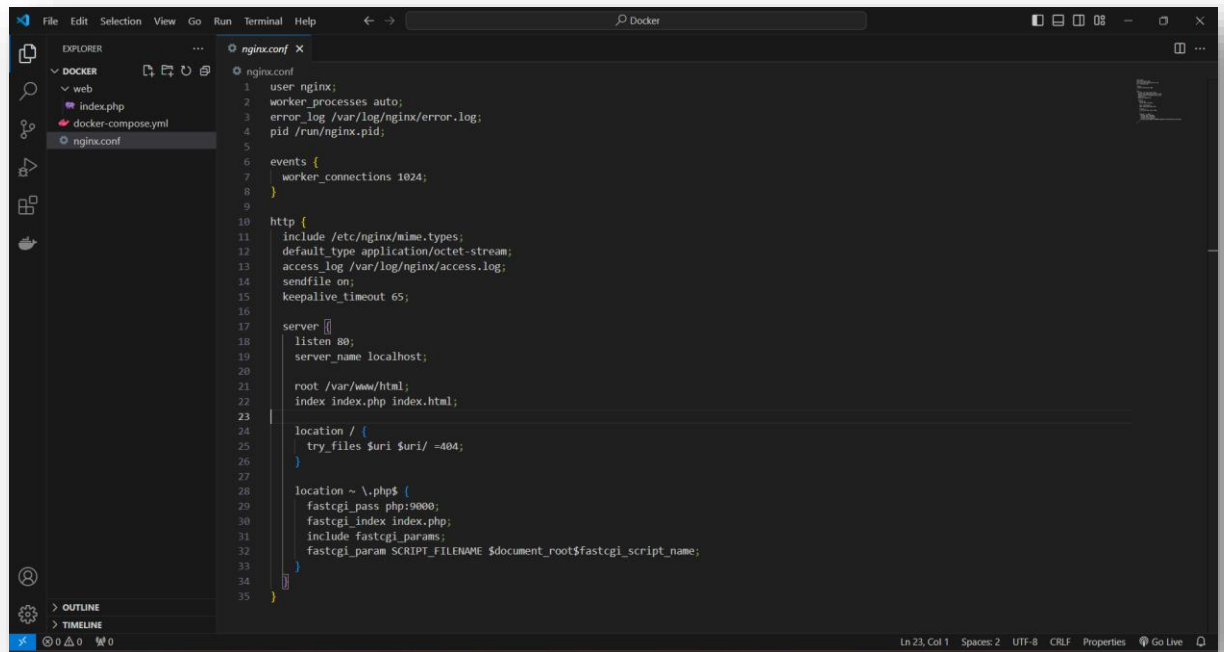
5. Code di index.php



6. Code di docker-compose.yml



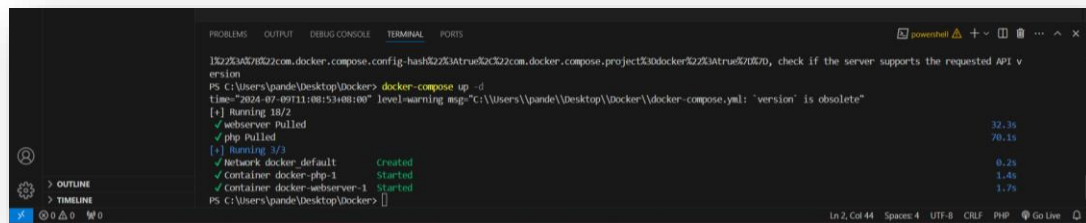
7. Codingan di nginx.conf



The screenshot shows the Visual Studio Code editor with a Docker container open. The file explorer on the left shows the project structure: `DOCKER` > `web` > `index.php`, `docker-compose.yml`, and `nginx.conf`. The `nginx.conf` file is open in the editor, showing the following configuration:

```
1 user nginx;
2 worker_processes auto;
3 error_log /var/log/nginx/error.log;
4 pid /run/nginx.pid;
5
6 events {
7     worker_connections 1024;
8 }
9
10 http {
11     include /etc/nginx/mime.types;
12     default_type application/octet-stream;
13     access_log /var/log/nginx/access.log;
14     sendfile on;
15     keepalive_timeout 65;
16
17     server {
18         listen 80;
19         server_name localhost;
20
21         root /var/www/html;
22         index index.php index.html;
23
24         location / {
25             try_files $uri $uri/ =404;
26         }
27
28         location ~ \.php$ {
29             fastcgi_pass php:9000;
30             fastcgi_index index.php;
31             include fastcgi_params;
32             fastcgi_param SCRIPT_FILENAME $document_root$fastcgi_script_name;
33         }
34     }
35 }
```

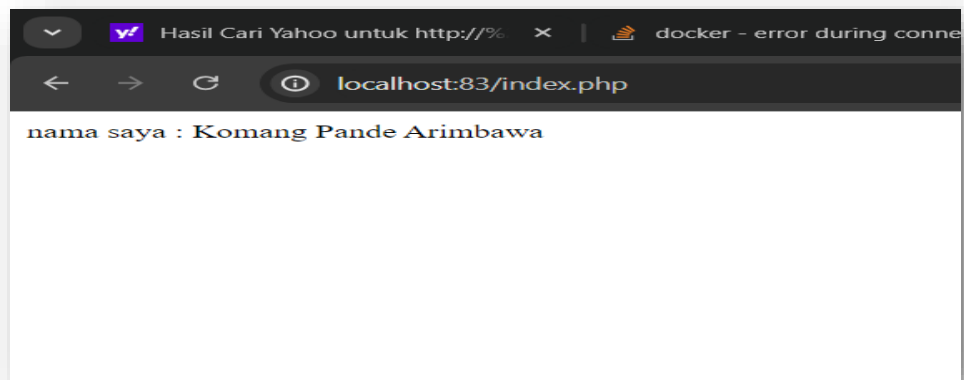
8. Lalu kita cek di new terminal ketik `docker-compose up -d`



The screenshot shows the Visual Studio Code terminal with the output of the `docker-compose up -d` command. The output is as follows:

```
PS C:\Users\pande\Desktop\docker> docker-compose up -d
time="2024-07-09T11:08:53+08:00" level=warning msg="C:\Users\pande\Desktop\docker\docker-compose.yml: 'version' is obsolete"
[*] Running 18/2
✓ webserver Pulled 32.3s
✓ php Pulled 78.1s
[*] Running 3/3
✓ Network docker_default Created 0.2s
✓ Container docker-php-1 Started 1.4s
✓ Container docker-webserver-1 Started 1.7s
PS C:\Users\pande\Desktop\docker>
```

9. Lalu buka chrome atau google lalu cari [Http://localhost:83/index.php](http://localhost:83/index.php)



10. Untuk menutup docker klik docker-compose down di terminal