Sistem Terdistribusi

Praktikum Docker

Oleh:

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ILMU KOMPUTER

TEKNIK INFORMATIKA

TEKNIK DAN KEJURUAN

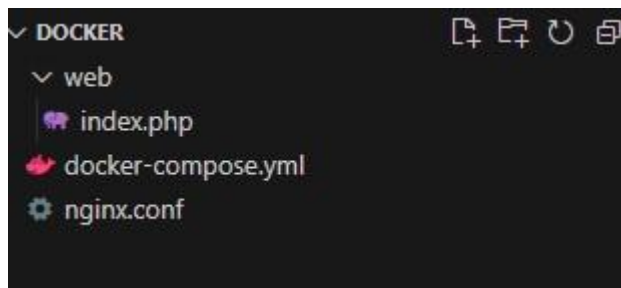UNIVERSITAS PENDIDIKAN GANESHA
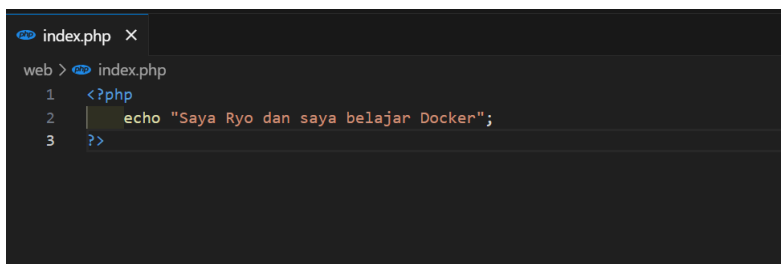
SINGARAJA

2024

Langkah – Langkah:

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

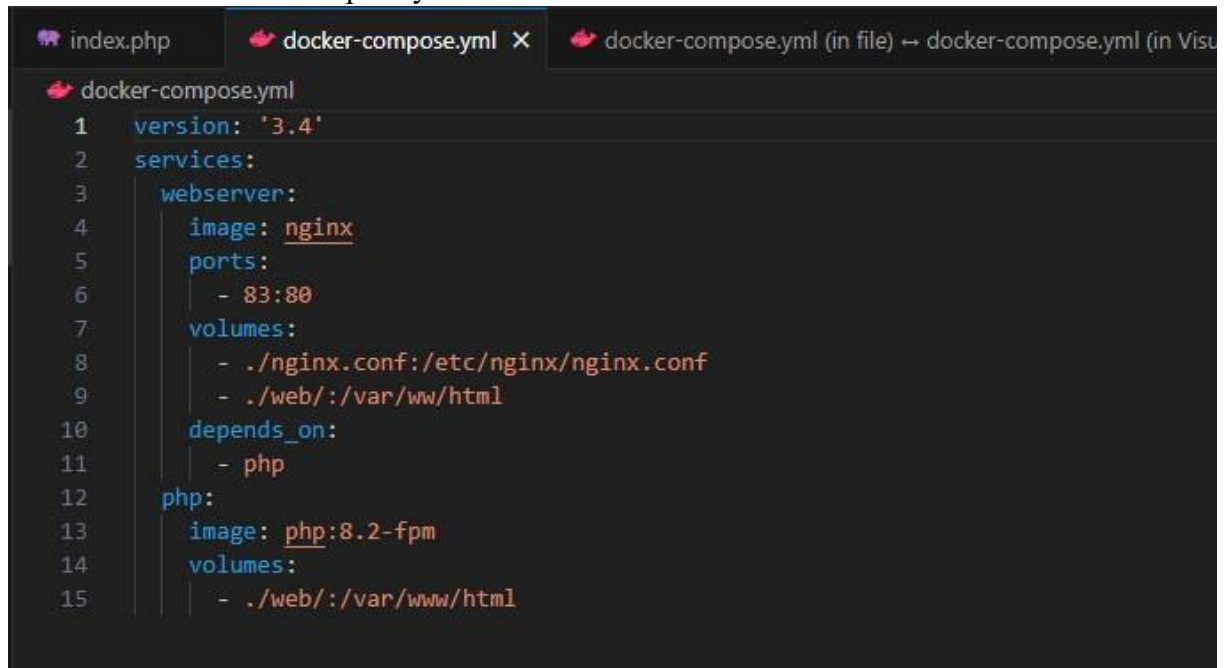|		
! docker-compose.yml	08/07/2024 01.56	Yaml Source File
nginx.conf	08/07/2024 01.56	CONF File
web	08/07/2024 01.56	File folder

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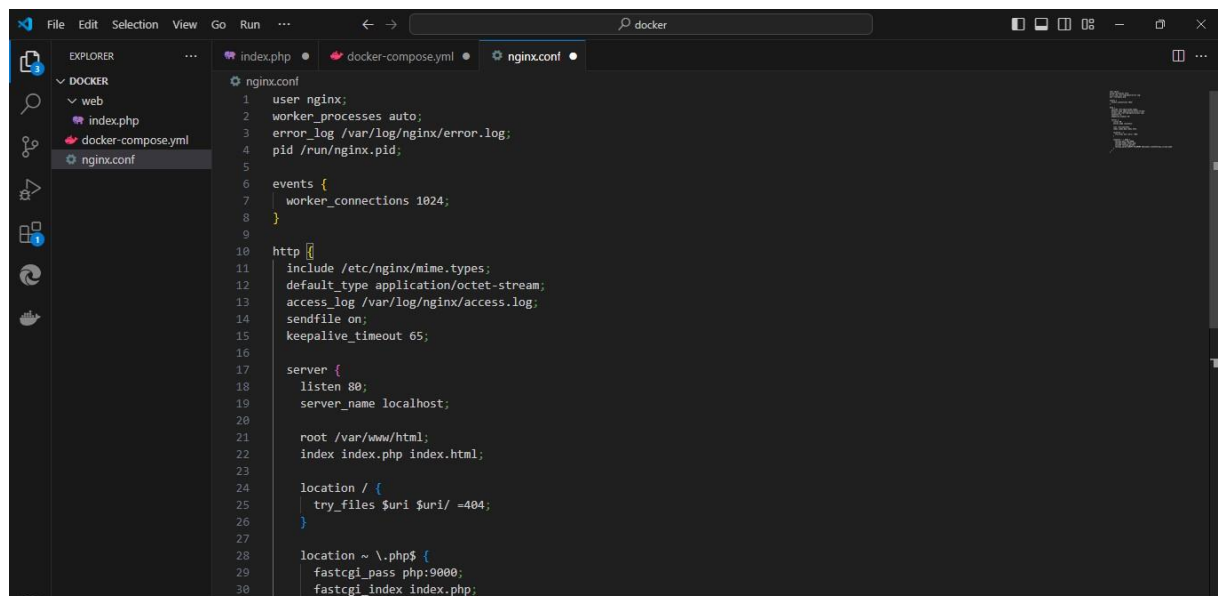

5. Code di index.php

6. Code di docker-compose.yml

```yaml
version: '3.4'
services:
  webserver:
    image: nginx
    ports:
      - 83:80
    volumes:
      - ./nginx.conf:/etc/nginx/nginx.conf
      - ./web/:/var/ww/html
    depends_on:
      - php
  php:
    image: php:8.2-fpm
    volumes:
      - ./web/:/var/www/html
```
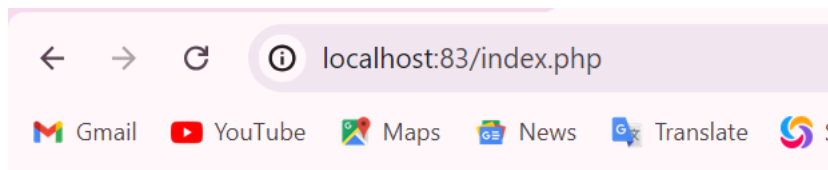
7. Codingan di nginx.conf

```nginx
user nginx;
worker_processes auto;
error_log /var/log/nginx/error.log;
pid /run/nginx.pid;

events {
    worker_connections 1024;
}

http {
    include /etc/nginx/mime.types;
    default_type application/octet-stream;
    access_log /var/log/nginx/access.log;
    sendfile on;
    keepalive_timeout 65;

    server {
        listen 80;
        server_name localhost;

        root /var/www/html;
        index index.php index.html;

        location / {
            try_files $uri $uri/ =404;
        }

        location ~ \.php$ {
            fastcgi_pass php:9000;
            fastcgi_index index.php;
```

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

```
PS C:\Users\ASUS\Downloads\docker-main\docker> docker-compose up -d
time="2024-07-08T23:28:31+07:00" level=warning msg="C:\\Users\\ASUS\\Downloads\\docker-main\\docker
\\docker-compose.yml: `version` is obsolete"
[+] Running 18/2
 ✓ php Pulled                                                                    270.3s
 ✓ webserver Pulled                                                              151.4s
[+] Running 3/3
 ✓ Network docker_default        Created                                         0.1s
 ✓ Container docker-php-1         Started                                        1.2s
 ✓ Container docker-webserver-1   Started                                        1.8s
PS C:\Users\ASUS\Downloads\docker-main\docker>
```
Ln 3, Col 3   Spaces: 4   UTF-8   CRLF   PHP   @ Go Live   ⊘ Prettier

9. Lalu buka crome atau google lalu cari Http://localhost:83/index.php

← → C ⓘ localhost:83/index.php

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Saya Ryo dan saya belajar Docker

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