

Sistem Terdistribusi

Praktikum Docker



Oleh :

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Kelas : 4B

ILMU KOMPUTER

TEKNIK INFORMATIKA

TEKNIK DAN KEJURUAN

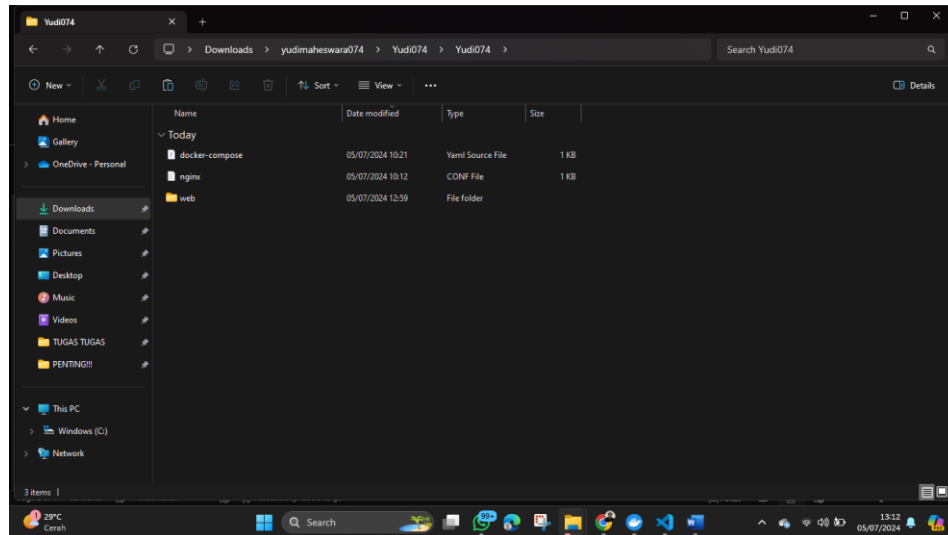
UNIVERSITAS PENDIDIKAN GANESHA

SINGARAJA

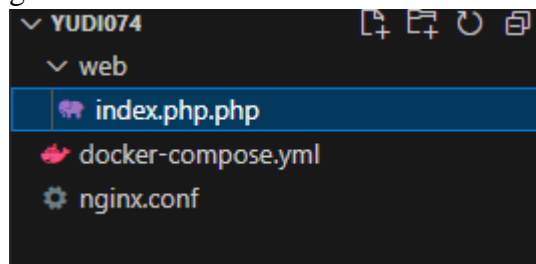
2024

Langkah – Langkah

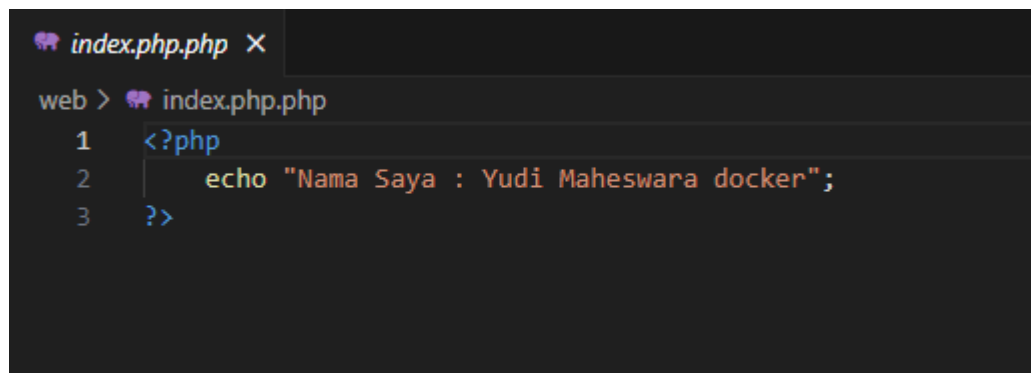
1. Dowload dokcer di link <https://www.docker.com/products/docker-desktop/>
2. Setelah selesai mendownload langsung install dokcer
3. Buat folder



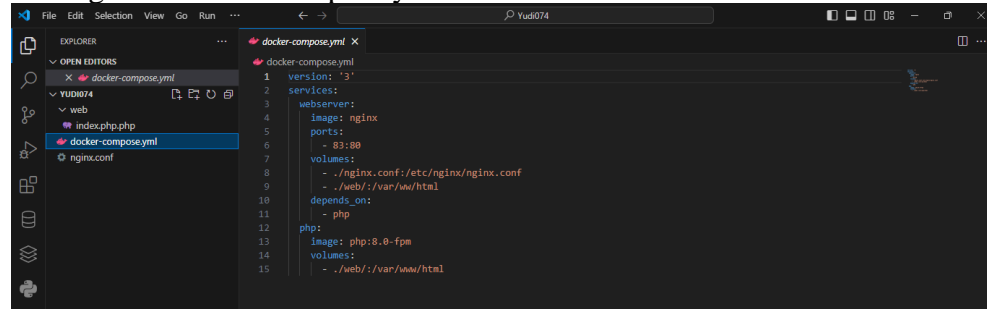
4. Lalu buka vs code, lalu buka folder yang di buat tadi lalu buat file seperti gambar di bawah



5. Codingan di php.php

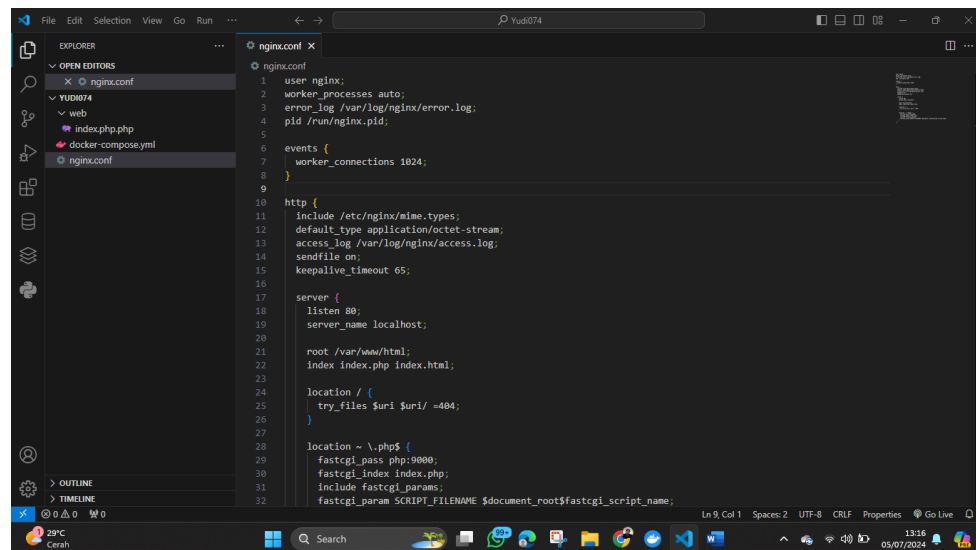


6. Codignan di docker-compose.yml



```
1 version: '3'
2 services:
3   webserver:
4     image: nginx
5     ports:
6       - 83:88
7     volumes:
8       - ./nginx.conf:/etc/nginx/nginx.conf
9       - ./web:/var/www/html
10    depends_on:
11      - php
12  php:
13    image: php:8.0-fpm
14    volumes:
15      - ./web:/var/www/html
```

7. Codignan di nginx.conf



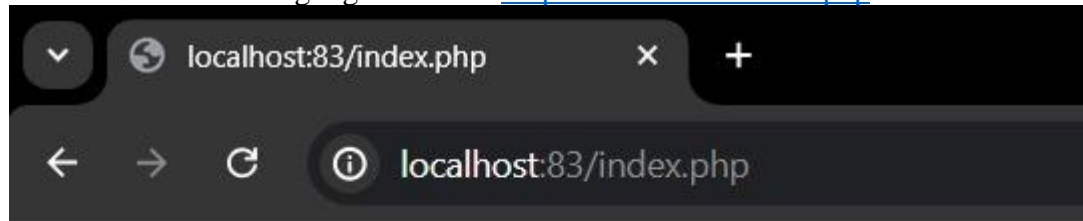
```
1 user nginx;
2 worker_processes auto;
3 error_log /var/log/nginx/error.log;
4 pid /run/nginx.pid;
5
6 events {
7   worker_connections 1024;
8 }
9
10 http {
11   include /etc/nginx/mime.types;
12   default_type application/octet-stream;
13   access_log /var/log/nginx/access.log;
14   sendfile on;
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;
```

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



```
PS D:\timpal\yudi074> docker-compose up -d
time="2024-07-05T12:00:00+08:00" level=warning msg="D:\\timpal\\yudi074\\docker-compose.yml: `version` is obsolete"
[+] Running 3/3
 ✓ Network yudi074_default          Created                                0.3s
 ✓ Container yudi074-php-1          Started                               3.8s
 ✓ Container yudi074-webserver-1    Started                               5.0s
```

9. Lalu buka chrome atau google lalu cari <http://localhost:83/index.php>



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