PRAKTIKUM MANAJEMEN DATA
DOCKER

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POLITEKNIK ELEKTRONIKA NEGERI SURABAYA

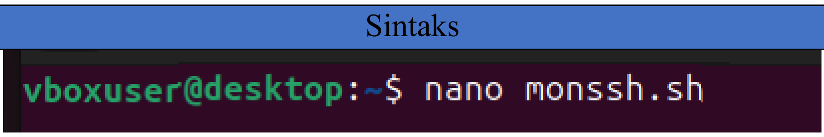
PROGRAM STUDI SAINS DATA TERAPAN

JUNI 2025

1. **Tugas 1**

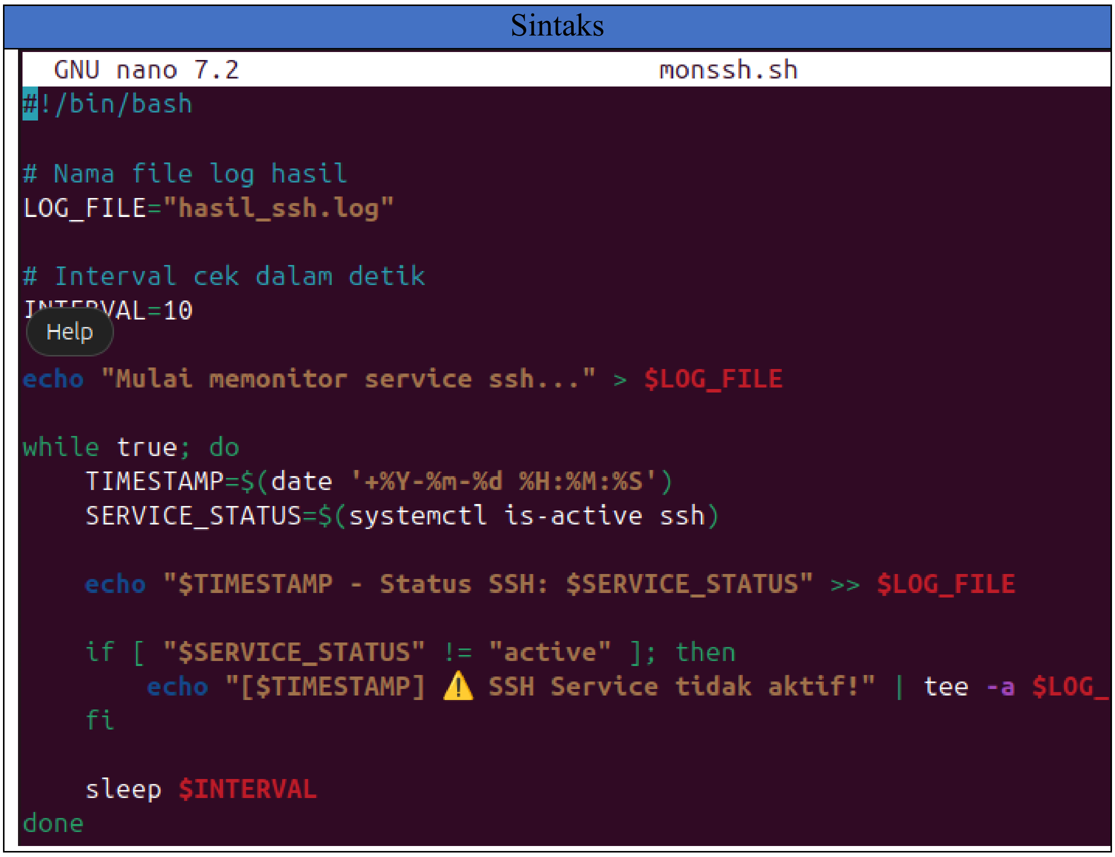
Soal No. 1

Sintaks



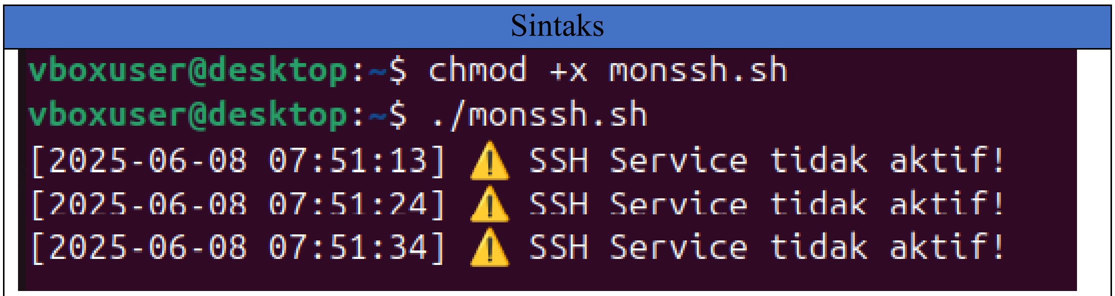
```
vboxuser@desktop:~$ nano monssh.sh
```

Sintaks



```
  GNU nano 7.2                                   monssh.sh
#!/bin/bash

# Nama file log hasil
LOG_FILE="hasil_ssh.log"

# Interval cek dalam detik
INTERVAL=10

echo "Mulai memonitor service ssh..." > $LOG_FILE

while true; do
    TIMESTAMP=$(date '+%Y-%m-%d %H:%M:%S')
    SERVICE_STATUS=$(systemctl is-active ssh)

    echo "$TIMESTAMP - Status SSH: $SERVICE_STATUS" >> $LOG_FILE

    if [ "$SERVICE_STATUS" != "active" ]; then
        echo "[$TIMESTAMP] ⚠️ SSH Service tidak aktif!" | tee -a $LOG_
    fi

    sleep $INTERVAL
done
```

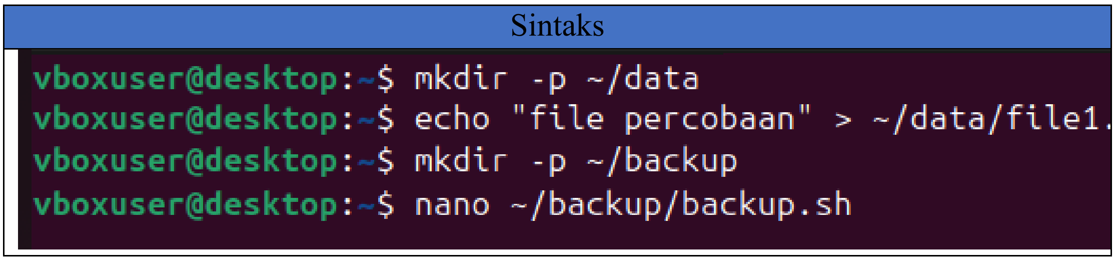
Sintaks



```
vboxuser@desktop:~$ chmod +x monssh.sh
vboxuser@desktop:~$ ./monssh.sh
[2025-06-08 07:51:13] ⚠️ SSH Service tidak aktif!
[2025-06-08 07:51:24] ⚠️ SSH Service tidak aktif!
[2025-06-08 07:51:34] ⚠️ SSH Service tidak aktif!
```

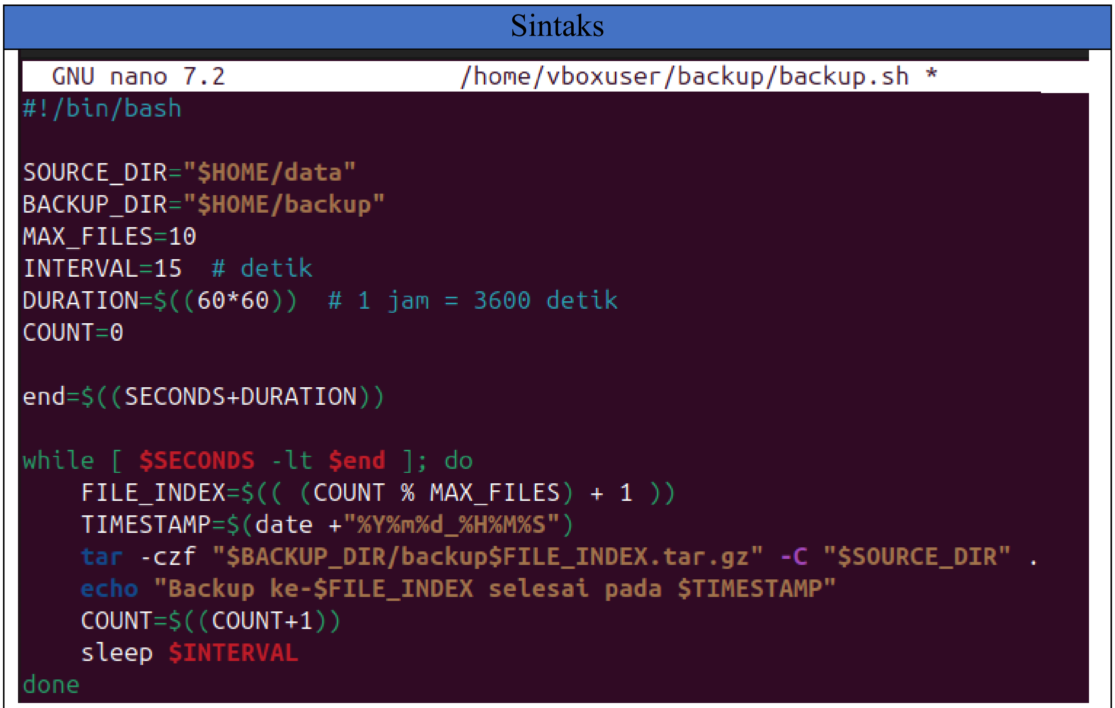
Soal No. 2

Sintaks



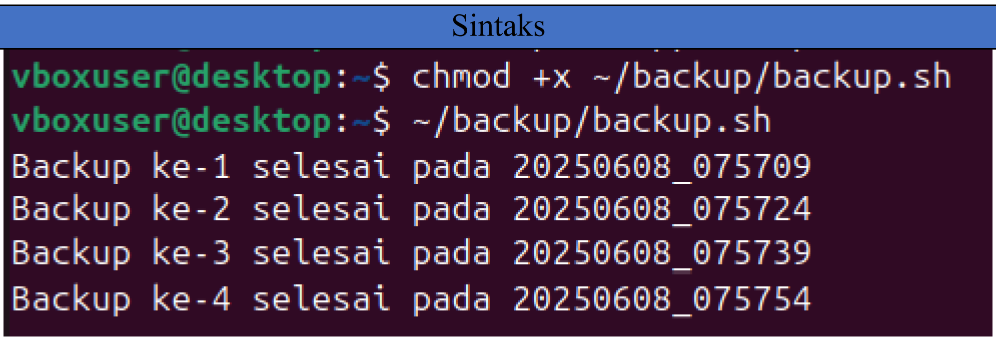
```
vboxuser@desktop:~$ mkdir -p ~/data
vboxuser@desktop:~$ echo "file percobaan" > ~/data/file1.
vboxuser@desktop:~$ mkdir -p ~/backup
vboxuser@desktop:~$ nano ~/backup/backup.sh
```

Sintaks



```
  GNU nano 7.2                /home/vboxuser/backup/backup.sh *
#!/bin/bash

SOURCE_DIR="$HOME/data"
BACKUP_DIR="$HOME/backup"
MAX_FILES=10
INTERVAL=15  # detik
DURATION=$((60*60))  # 1 jam = 3600 detik
COUNT=0

end=$((SECONDS+DURATION))

while [ $SECONDS -lt $end ]; do
    FILE_INDEX=$(( (COUNT % MAX_FILES) + 1 ))
    TIMESTAMP=$(date +"%Y%m%d_%H%M%S")
    tar -czf "$BACKUP_DIR/backup$FILE_INDEX.tar.gz" -C "$SOURCE_DIR" .
    echo "Backup ke-$FILE_INDEX selesai pada $TIMESTAMP"
    COUNT=$((COUNT+1))
    sleep $INTERVAL
done
```

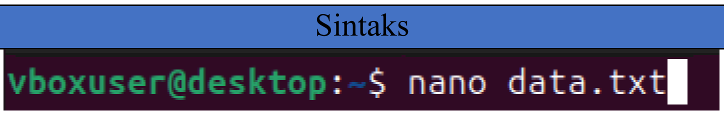
Sintaks



```
vboxuser@desktop:~$ chmod +x ~/backup/backup.sh
vboxuser@desktop:~$ ~/backup/backup.sh
Backup ke-1 selesai pada 20250608_075709
Backup ke-2 selesai pada 20250608_075724
Backup ke-3 selesai pada 20250608_075739
Backup ke-4 selesai pada 20250608_075754
```

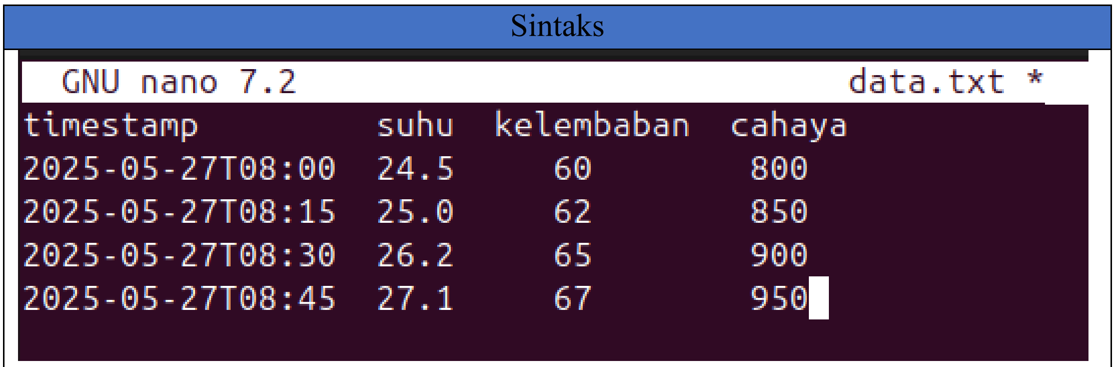
Soal 3

Sintaks



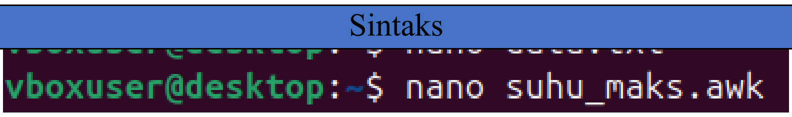
```
vboxuser@desktop:~$ nano data.txt
```

Sintaks



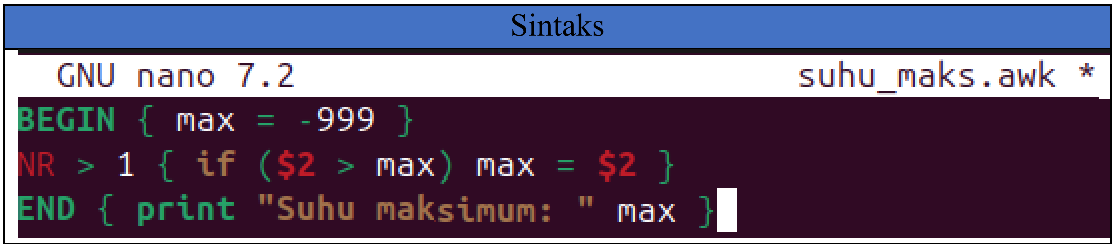
```
  GNU nano 7.2                         data.txt *
timestamp         suhu  kelembaban  cahaya
2025-05-27T08:00  24.5     60        800
2025-05-27T08:15  25.0     62        850
2025-05-27T08:30  26.2     65        900
2025-05-27T08:45  27.1     67        950
```

Sintaks



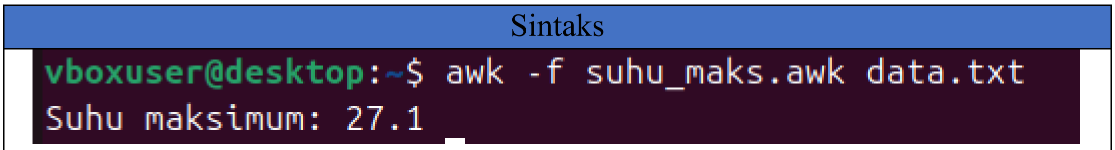
```
vboxuser@desktop:~$ nano suhu_maks.awk
```

Sintaks



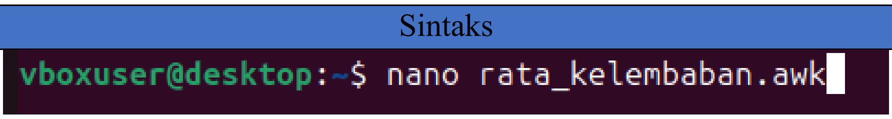
```
  GNU nano 7.2                                suhu_maks.awk *
BEGIN { max = -999 }
NR > 1 { if ($2 > max) max = $2 }
END { print "Suhu maksimum: " max }
```

Sintaks



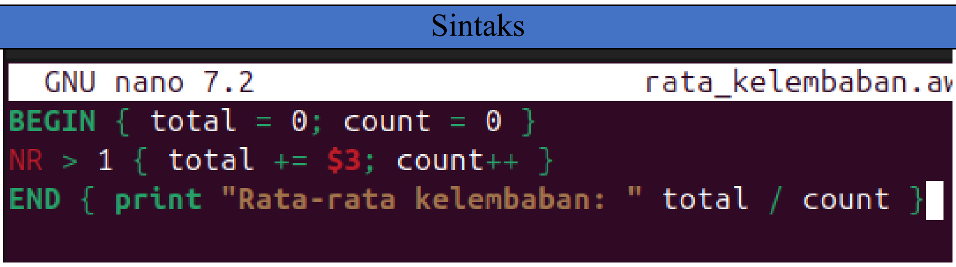
```
vboxuser@desktop:~$ awk -f suhu_maks.awk data.txt
Suhu maksimum: 27.1
```

Sintaks



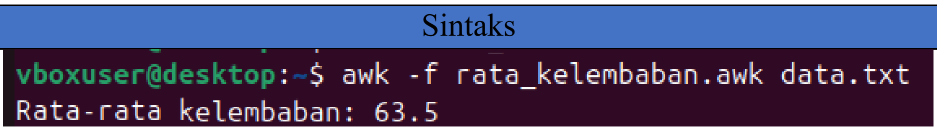
```
vboxuser@desktop:~$ nano rata_kelembaban.awk
```

Sintaks



```
  GNU nano 7.2                        rata_kelembaban.aw
BEGIN { total = 0; count = 0 }
NR > 1 { total += $3; count++ }
END { print "Rata-rata kelembaban: " total / count }
```

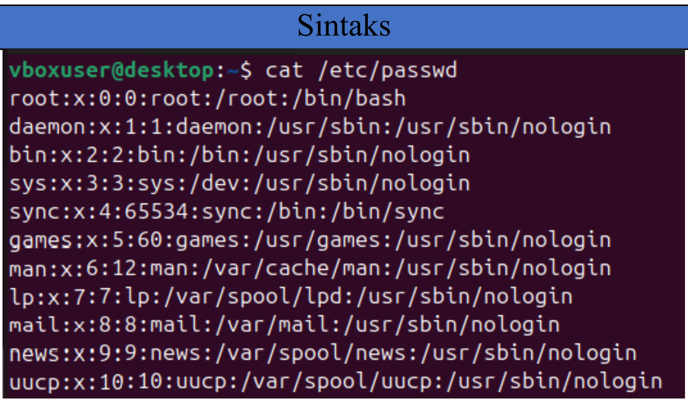
Sintaks



```
vboxuser@desktop:~$ awk -f rata_kelembaban.awk data.txt
Rata-rata kelembaban: 63.5
```

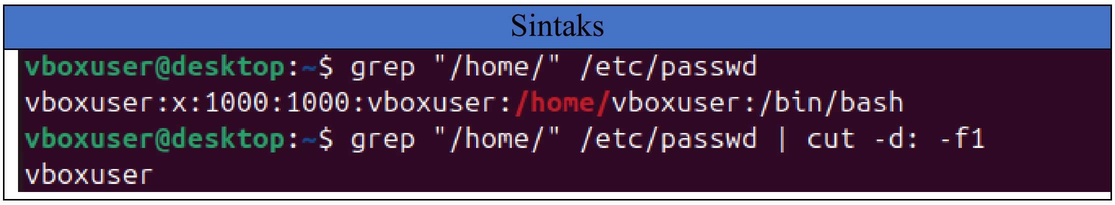
Soal 4

Sintaks



```
vboxuser@desktop:~$ cat /etc/passwd
root:x:0:0:root:/root:/bin/bash
daemon:x:1:1:daemon:/usr/sbin:/usr/sbin/nologin
bin:x:2:2:bin:/bin:/usr/sbin/nologin
sys:x:3:3:sys:/dev:/usr/sbin/nologin
sync:x:4:65534:sync:/bin:/bin/sync
games:x:5:60:games:/usr/games:/usr/sbin/nologin
man:x:6:12:man:/var/cache/man:/usr/sbin/nologin
lp:x:7:7:lp:/var/spool/lpd:/usr/sbin/nologin
mail:x:8:8:mail:/var/mail:/usr/sbin/nologin
news:x:9:9:news:/var/spool/news:/usr/sbin/nologin
uucp:x:10:10:uucp:/var/spool/uucp:/usr/sbin/nologin
```

Sintaks

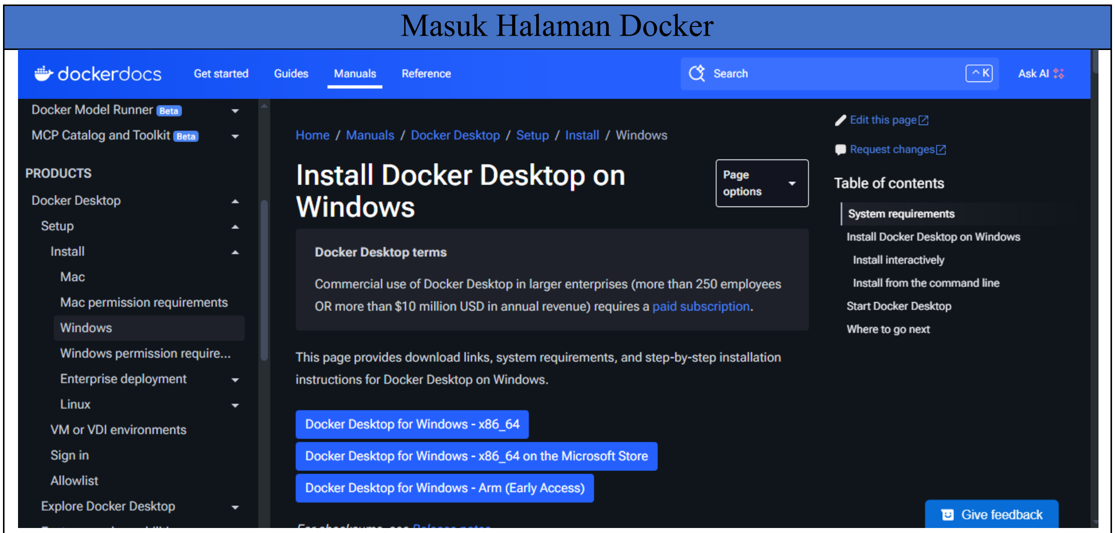


```
vboxuser@desktop:~$ grep "/home/" /etc/passwd
vboxuser:x:1000:1000:vboxuser:/home/vboxuser:/bin/bash
vboxuser@desktop:~$ grep "/home/" /etc/passwd | cut -d: -f1
vboxuser
```

2. Tugas 2

Install Docker

Masuk Halaman Docker



Home / Manuals / Docker Desktop / Setup / Install / Windows

Install Docker Desktop on Windows

Docker Desktop terms

Commercial use of Docker Desktop in larger enterprises (more than 250 employees OR more than $10 million USD in annual revenue) requires a paid subscription.

This page provides download links, system requirements, and step-by-step installation instructions for Docker Desktop on Windows.

Docker Desktop for Windows - x86_64

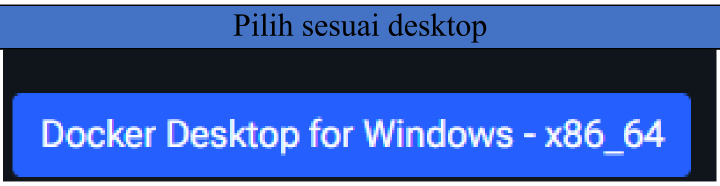
Docker Desktop for Windows - x86_64 on the Microsoft Store

Docker Desktop for Windows - Arm (Early Access)

Table of contents

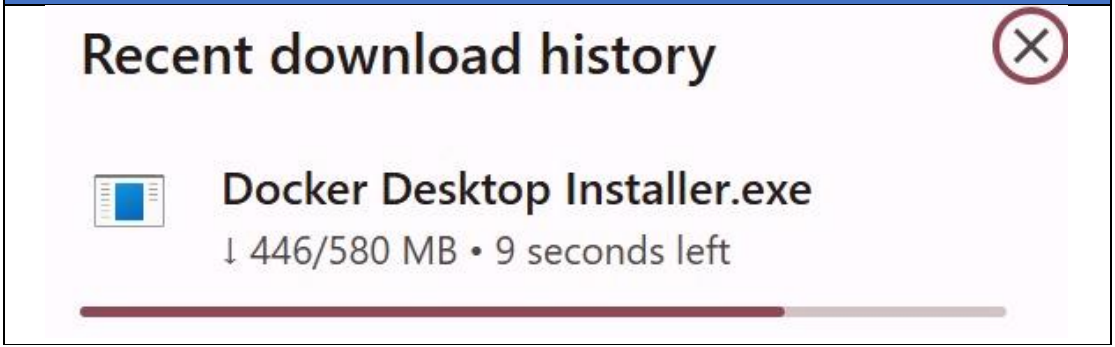
- System requirements
- Install Docker Desktop on Windows
  - Install interactively
  - Install from the command line
- Start Docker Desktop
- Where to go next

Pilih sesuai desktop



Docker Desktop for Windows - x86_64

Menunggu proses download

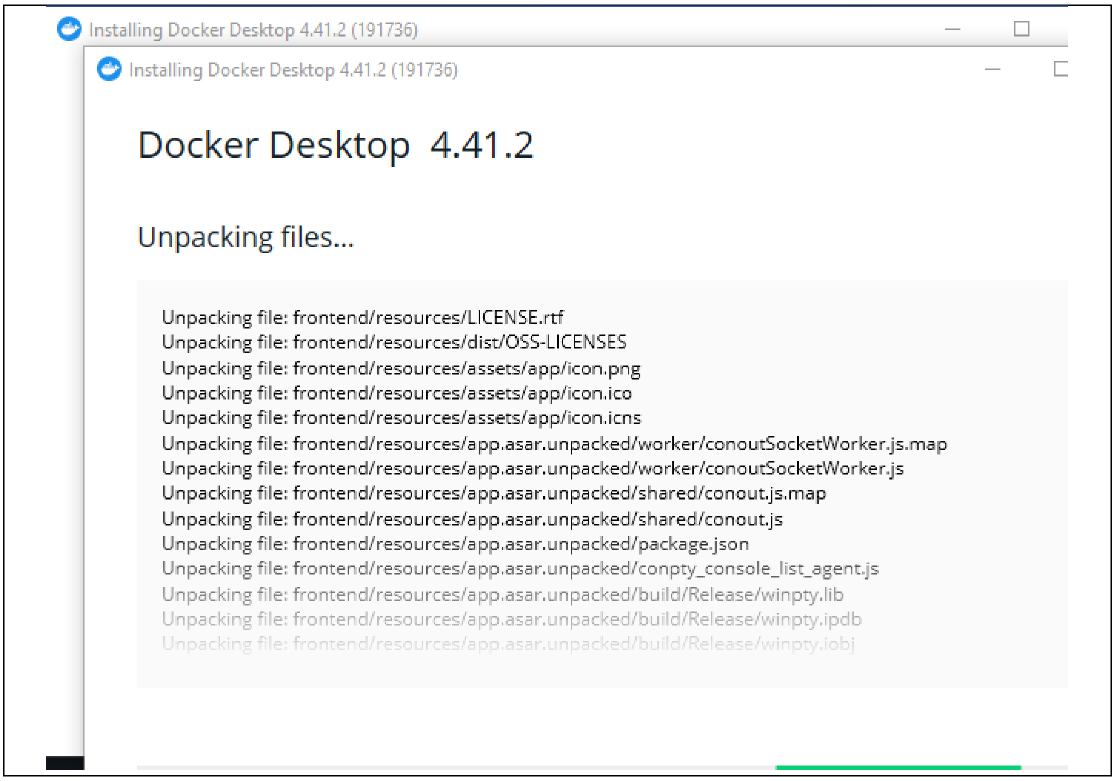


Recent download history

Docker Desktop Installer.exe

↓ 446/580 MB • 9 seconds left

Menunggu proses install

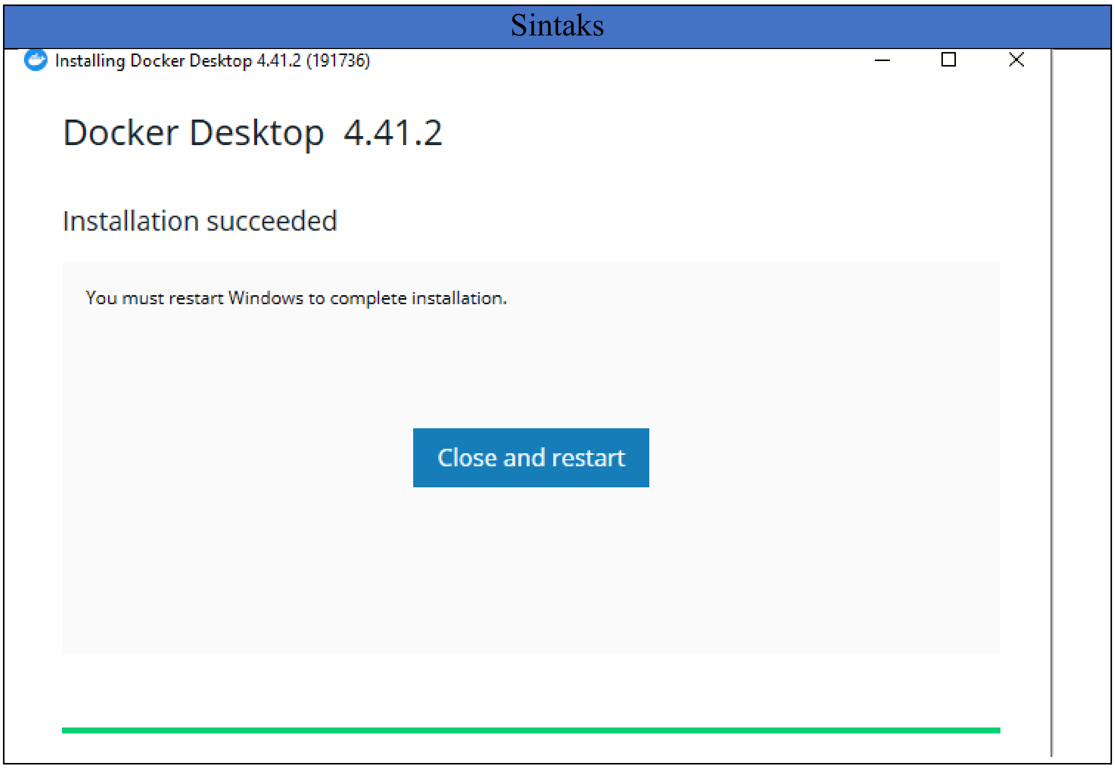

Installing Docker Desktop 4.41.2 (191736)
Installing Docker Desktop 4.41.2 (191736)

Docker Desktop 4.41.2

Unpacking files...

```
Unpacking file: frontend/resources/LICENSE.rtf
Unpacking file: frontend/resources/dist/OSS-LICENSES
Unpacking file: frontend/resources/assets/app/icon.png
Unpacking file: frontend/resources/assets/app/icon.ico
Unpacking file: frontend/resources/assets/app/icon.icns
Unpacking file: frontend/resources/app.asar.unpacked/worker/conoutSocketWorker.js.map
Unpacking file: frontend/resources/app.asar.unpacked/worker/conoutSocketWorker.js
Unpacking file: frontend/resources/app.asar.unpacked/shared/conout.js.map
Unpacking file: frontend/resources/app.asar.unpacked/shared/conout.js
Unpacking file: frontend/resources/app.asar.unpacked/package.json
Unpacking file: frontend/resources/app.asar.unpacked/conpty_console_list_agent.js
Unpacking file: frontend/resources/app.asar.unpacked/build/Release/winpty.lib
Unpacking file: frontend/resources/app.asar.unpacked/build/Release/winpty.ipdb
Unpacking file: frontend/resources/app.asar.unpacked/build/Release/winpty.iobj
```

Sintaks

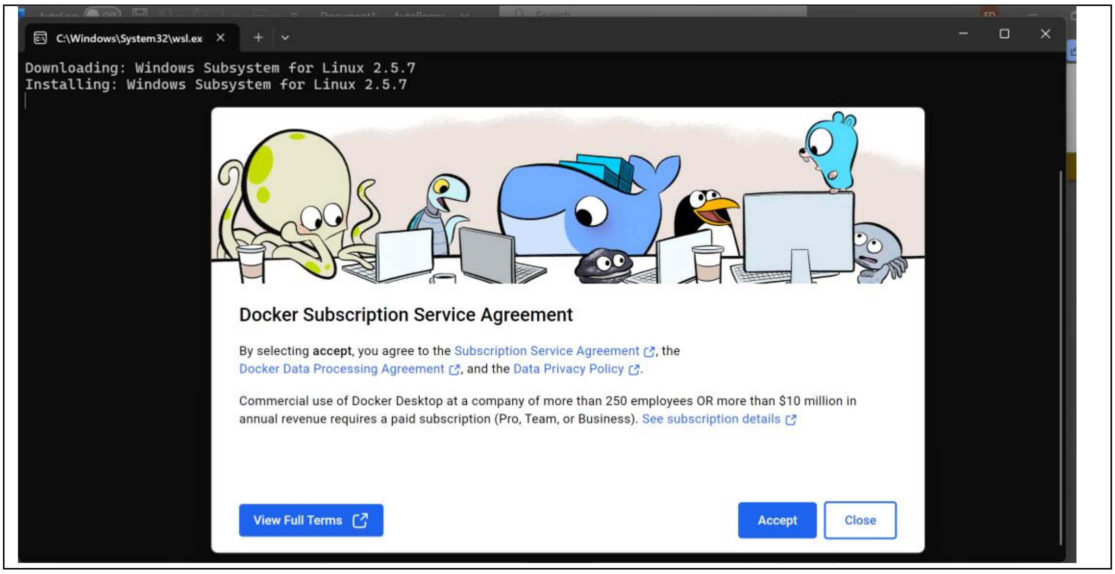


Docker Desktop 4.41.2

Installation succeeded

You must restart Windows to complete installation.

Sintaks



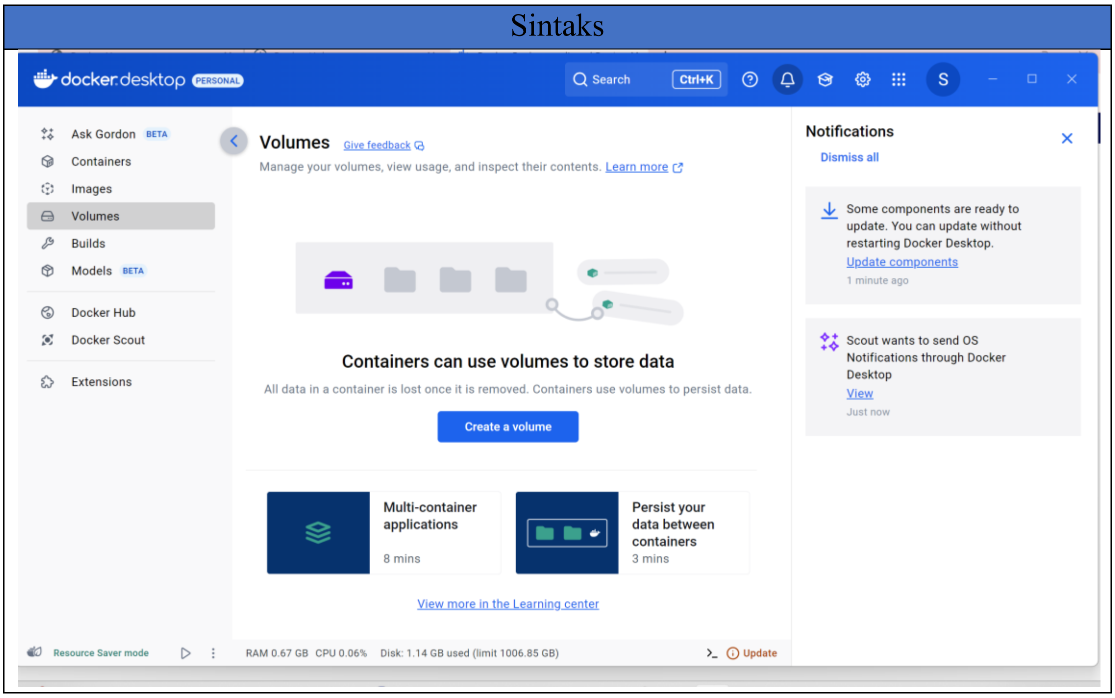
```
Downloading: Windows Subsystem for Linux 2.5.7
Installing: Windows Subsystem for Linux 2.5.7
```

Docker Subscription Service Agreement

By selecting **accept**, you agree to the Subscription Service Agreement, the Docker Data Processing Agreement, and the Data Privacy Policy.

Commercial use of Docker Desktop at a company of more than 250 employees OR more than $10 million in annual revenue requires a paid subscription (Pro, Team, or Business). See subscription details

Sintaks



Volumes Give feedback

Manage your volumes, view usage, and inspect their contents. Learn more

Containers can use volumes to store data

All data in a container is lost once it is removed. Containers use volumes to persist data.

Create a volume
Multi-container applications
8 mins
Persist your data between containers
3 mins
View more in the Learning center

Notifications

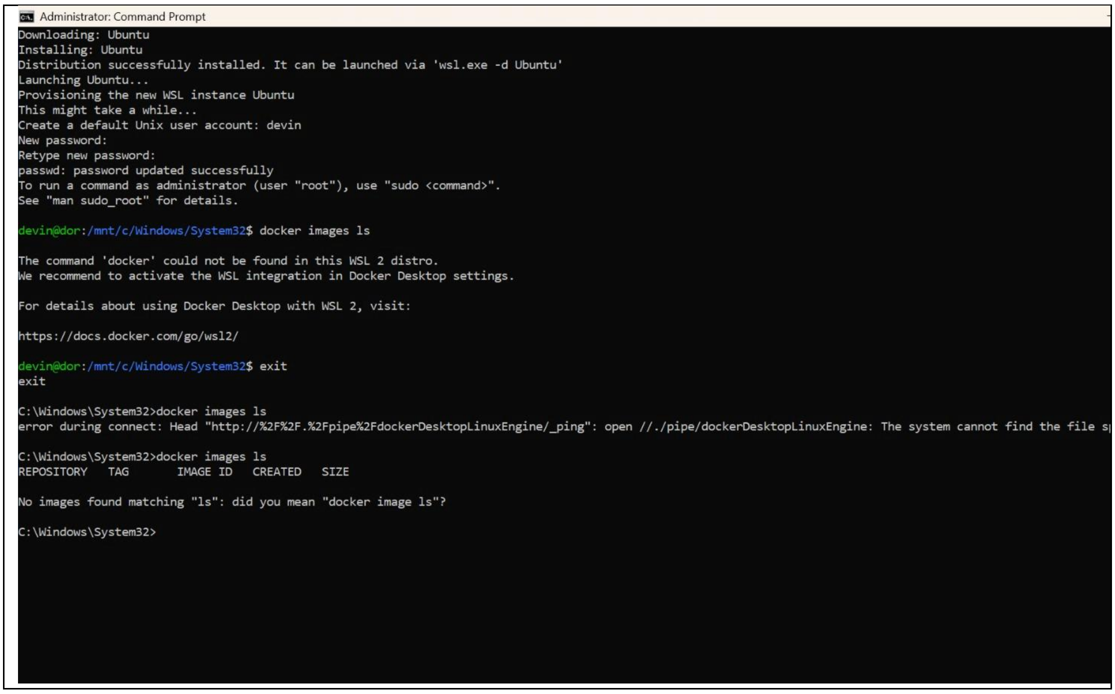
Some components are ready to update. You can update without restarting Docker Desktop.
Update components
1 minute ago

Scout wants to send OS Notifications through Docker Desktop
View
Just now

RAM 0.67 GB CPU 0.06% Disk: 1.14 GB used (limit 1006.85 GB)

Install WSL

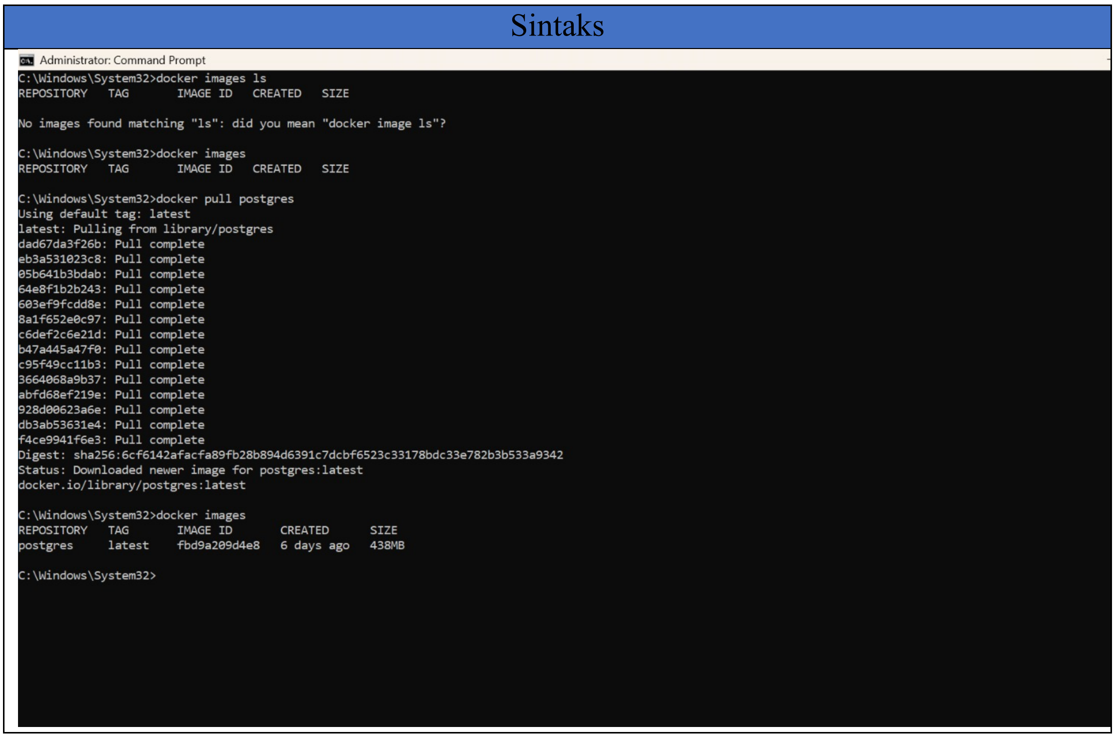
Sintaks



```
Downloading: Ubuntu
Installing: Ubuntu
Distribution successfully installed. It can be launched via 'wsl.exe -d Ubuntu'
Launching Ubuntu...
Provisioning the new WSL instance Ubuntu
This might take a while...
Create a default Unix user account: devin
New password:
Retype new password:
passwd: password updated successfully
To run a command as administrator (user "root"), use "sudo <command>".
See "man sudo_root" for details.

devin@dor:/mnt/c/Windows/System32$ docker images ls

The command 'docker' could not be found in this WSL 2 distro.
We recommend to activate the WSL integration in Docker Desktop settings.

For details about using Docker Desktop with WSL 2, visit:

https://docs.docker.com/go/wsl2/

devin@dor:/mnt/c/Windows/System32$ exit
exit

C:\Windows\System32>docker images ls
error during connect: Head "http://%2F%2F.%2Fpipe%2FdockerDesktopLinuxEngine/_ping": open //./pipe/dockerDesktopLinuxEngine: The system cannot find the file s

C:\Windows\System32>docker images ls
REPOSITORY   TAG       IMAGE ID   CREATED   SIZE

No images found matching "ls": did you mean "docker image ls"?

C:\Windows\System32>
```

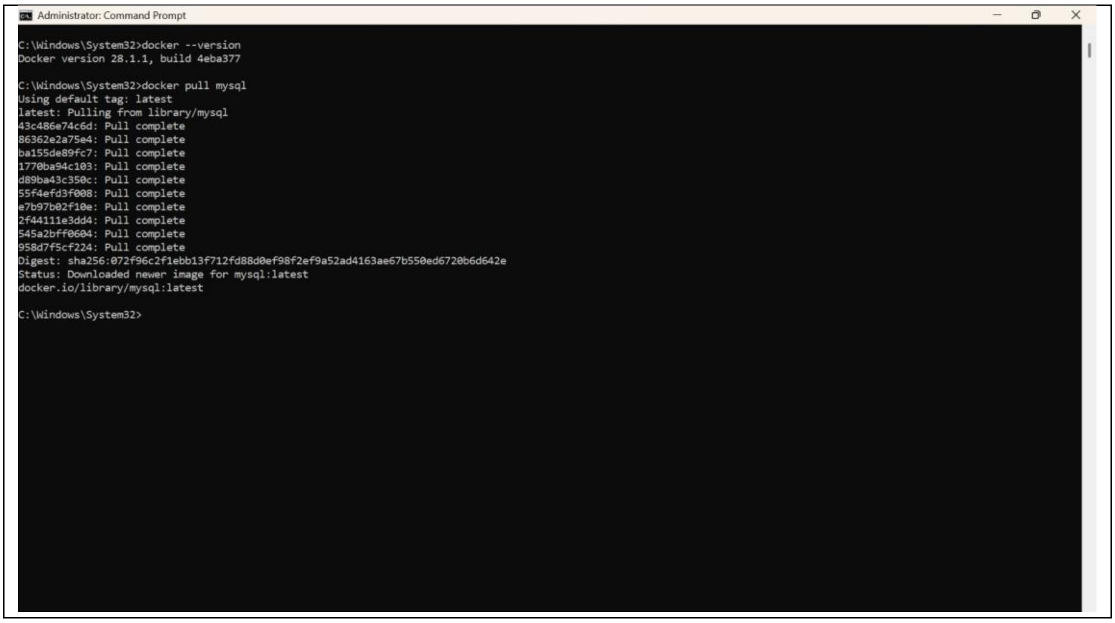
Images

Sintaks



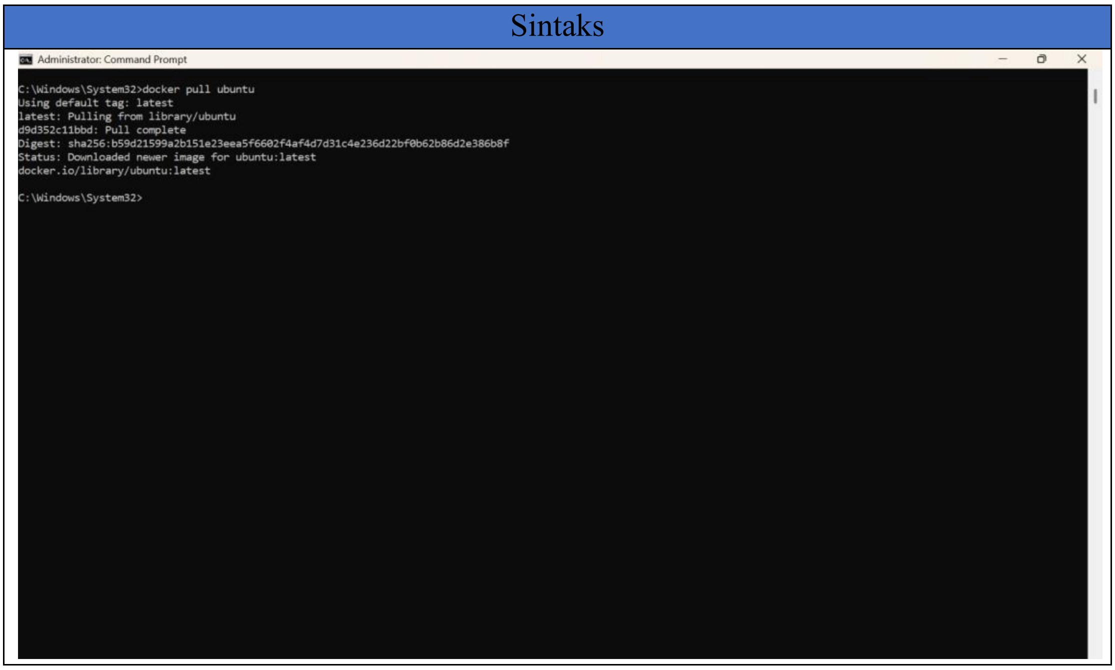
```
C:\Windows\System32>docker images ls
REPOSITORY   TAG       IMAGE ID   CREATED   SIZE

No images found matching "ls": did you mean "docker image ls"?

C:\Windows\System32>docker images
REPOSITORY   TAG       IMAGE ID   CREATED   SIZE

C:\Windows\System32>docker pull postgres
Using default tag: latest
latest: Pulling from library/postgres
dad67da3f26b: Pull complete
eb3a531023c8: Pull complete
05b641b3bdab: Pull complete
64e8f1b2b243: Pull complete
603ef9fcdd8e: Pull complete
8a1f652e0c97: Pull complete
c6def2c6e21d: Pull complete
b47a445a47f0: Pull complete
c95f49cc11b3: Pull complete
3664068a9b37: Pull complete
abfd68ef219e: Pull complete
928d00623a6e: Pull complete
db3ab53631e4: Pull complete
f4ce9941f6e3: Pull complete
Digest: sha256:6cf6142afacfa89fb28b894d6391c7dcbf6523c33178bdc33e782b3b533a9342
Status: Downloaded newer image for postgres:latest
docker.io/library/postgres:latest

C:\Windows\System32>docker images
REPOSITORY   TAG       IMAGE ID       CREATED      SIZE
postgres     latest    fbd9a209d4e8   6 days ago   438MB

C:\Windows\System32>
```

Sintaks



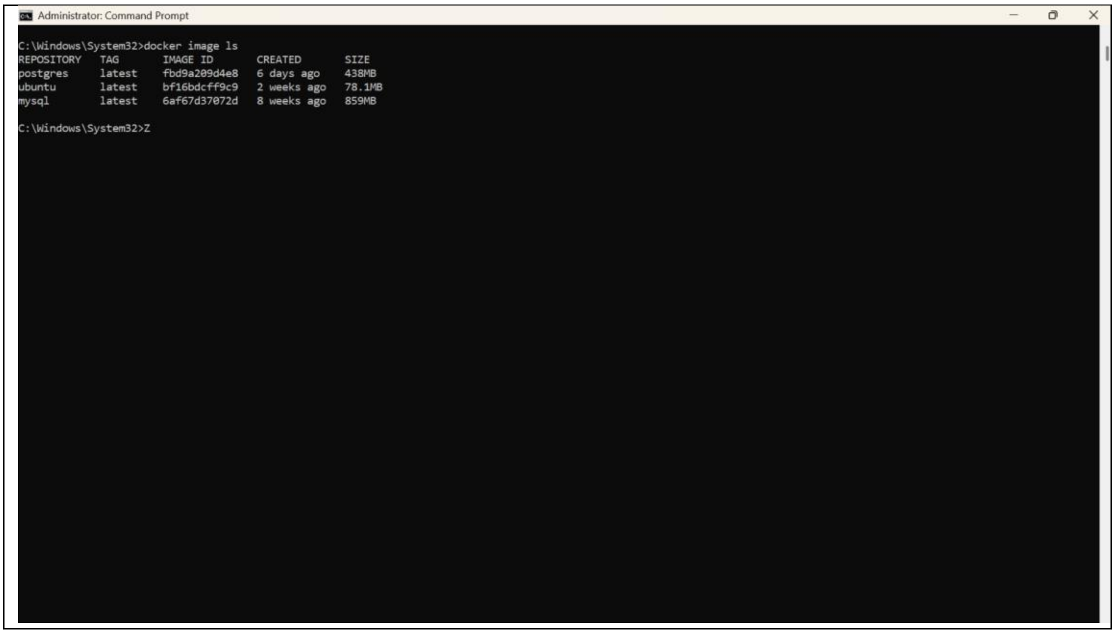
```
C:\Windows\System32>docker --version
Docker version 28.1.1, build 4eba377

C:\Windows\System32>docker pull mysql
Using default tag: latest
latest: Pulling from library/mysql
43c486e74c6d: Pull complete
86362e2a75e4: Pull complete
ba155de89fc7: Pull complete
1770ba94c103: Pull complete
d89ba43c350c: Pull complete
55f4efd3f008: Pull complete
e7b97b02f10e: Pull complete
2f44111e3dd4: Pull complete
545a2bff0604: Pull complete
958d7f5cf224: Pull complete
Digest: sha256:072f96c2f1ebb13f712fd88d0ef98f2ef9a52ad4163ae67b550ed6720b6d642e
Status: Downloaded newer image for mysql:latest
docker.io/library/mysql:latest

C:\Windows\System32>
```

Sintaks



```
C:\Windows\System32>docker pull ubuntu
Using default tag: latest
latest: Pulling from library/ubuntu
d9d352c11bbd: Pull complete
Digest: sha256:b59d21599a2b151e23eea5f6602f4af4d7d31c4e236d22bf0b62b86d2e386b8f
Status: Downloaded newer image for ubuntu:latest
docker.io/library/ubuntu:latest

C:\Windows\System32>
```

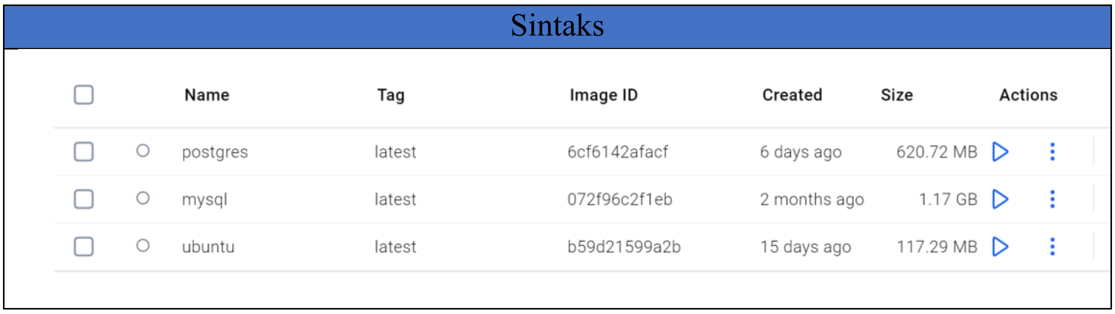
Sintaks



Administrator: Command Prompt

```
C:\Windows\System32>docker image ls
REPOSITORY   TAG       IMAGE ID       CREATED       SIZE
postgres     latest    fbd9a209d4e8   6 days ago    438MB
ubuntu       latest    bf16bdcff9c9   2 weeks ago   78.1MB
mysql        latest    6af67d37072d   8 weeks ago   859MB

C:\Windows\System32>Z
```

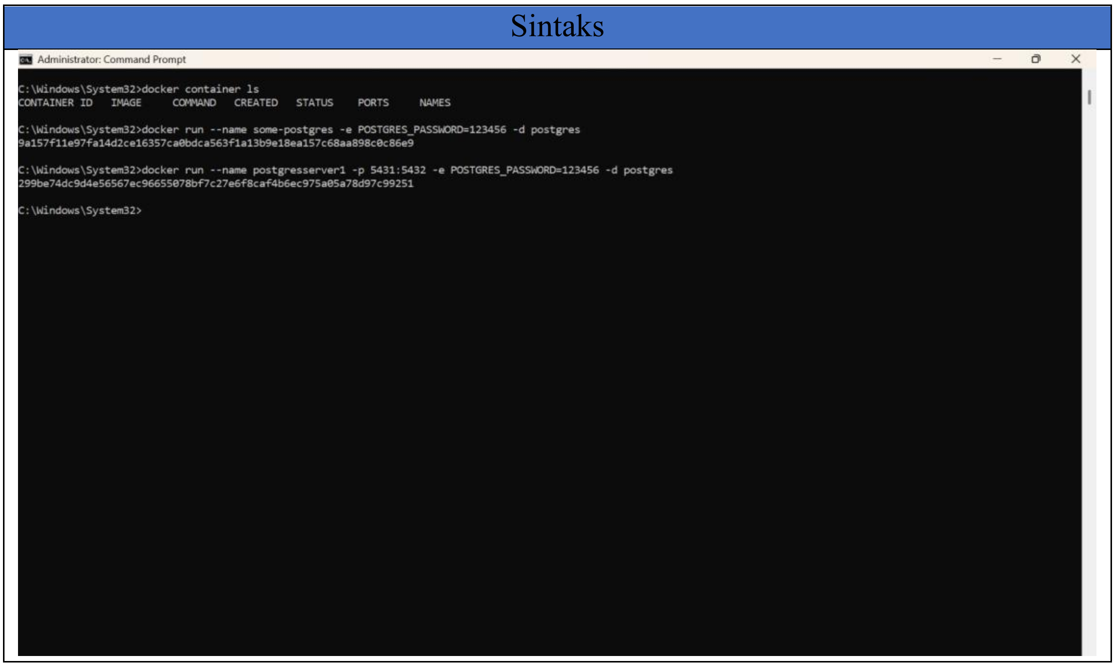
Sintaks



□		Name	Tag	Image ID	Created	Size	Actions
□	○	postgres	latest	6cf6142afacf	6 days ago	620.72 MB	▷ ⋮
□	○	mysql	latest	072f96c2f1eb	2 months ago	1.17 GB	▷ ⋮
□	○	ubuntu	latest	b59d21599a2b	15 days ago	117.29 MB	▷ ⋮

Container

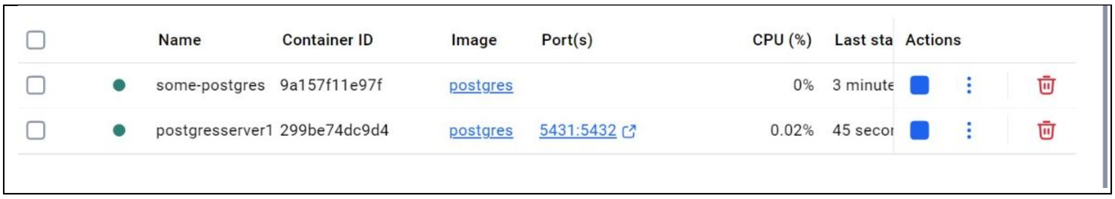
Sintaks



Administrator: Command Prompt

```
C:\Windows\System32>docker container ls
CONTAINER ID   IMAGE     COMMAND   CREATED   STATUS    PORTS     NAMES

C:\Windows\System32>docker run --name some-postgres -e POSTGRES_PASSWORD=123456 -d postgres
9a157f11e97fa14d2ce16357ca0bdca563f1a13b9e18ea157c68aa898c0c86e9

C:\Windows\System32>docker run --name postgresserver1 -p 5431:5432 -e POSTGRES_PASSWORD=123456 -d postgres
299be74dc9d4e56567ec96655078bf7c27e6f8caf4b6ec975a05a78d97c99251

C:\Windows\System32>
```

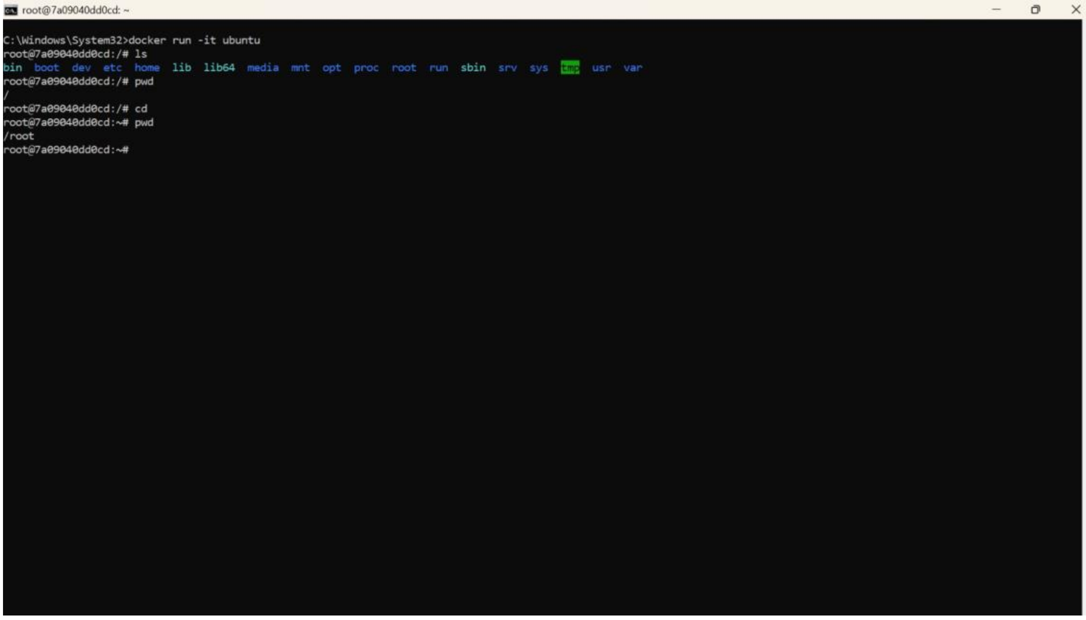
Sintaks



□		Name	Container ID	Image	Port(s)	CPU (%)	Last sta	Actions		
□	●	some-postgres	9a157f11e97f	postgres		0%	3 minute	■	⋮	🗑
□	●	postgresserver1	299be74dc9d4	postgres	5431:5432	0.02%	45 secoı	■	⋮	🗑

Jalankan Image

Sintaks

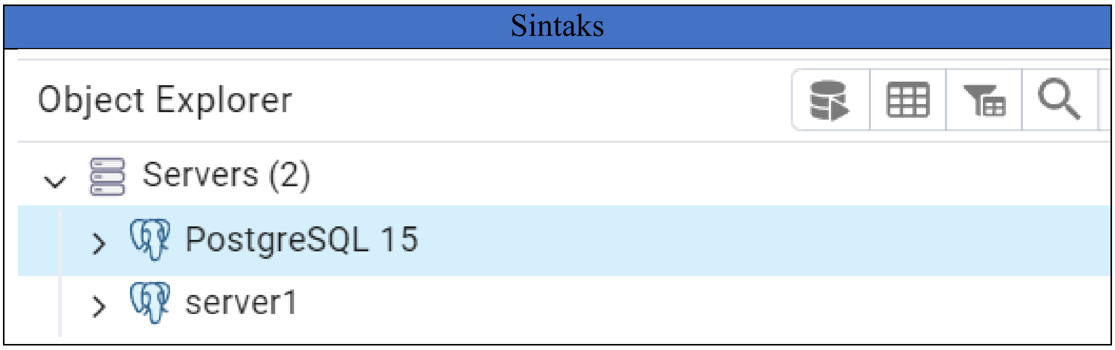


root@7a09040dd0cd: ~

```
C:\Windows\System32>docker run -it ubuntu
root@7a09040dd0cd:/# ls
bin  boot  dev  etc  home  lib  lib64  media  mnt  opt  proc  root  run  sbin  srv  sys  tmp  usr  var
root@7a09040dd0cd:/# pwd
/
root@7a09040dd0cd:/# cd
root@7a09040dd0cd:~# pwd
/root
root@7a09040dd0cd:~#
```

Connect PgAdmin

Sintaks

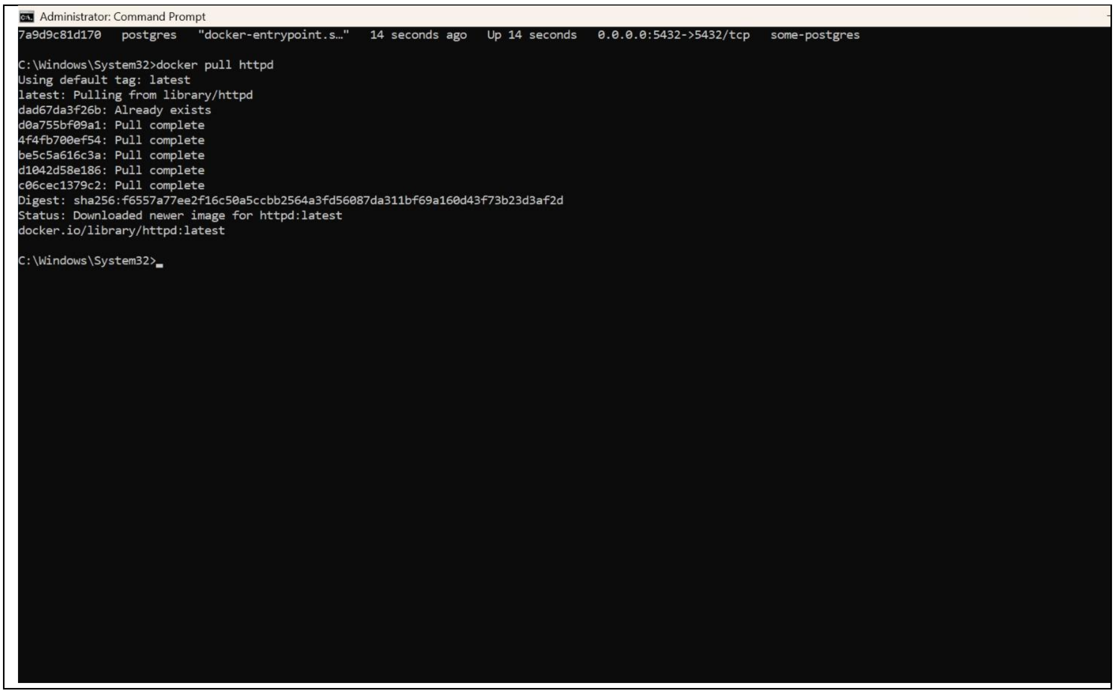


Object Explorer

- Servers (2)
  - PostgreSQL 15
  - server1

Install httpd - Run

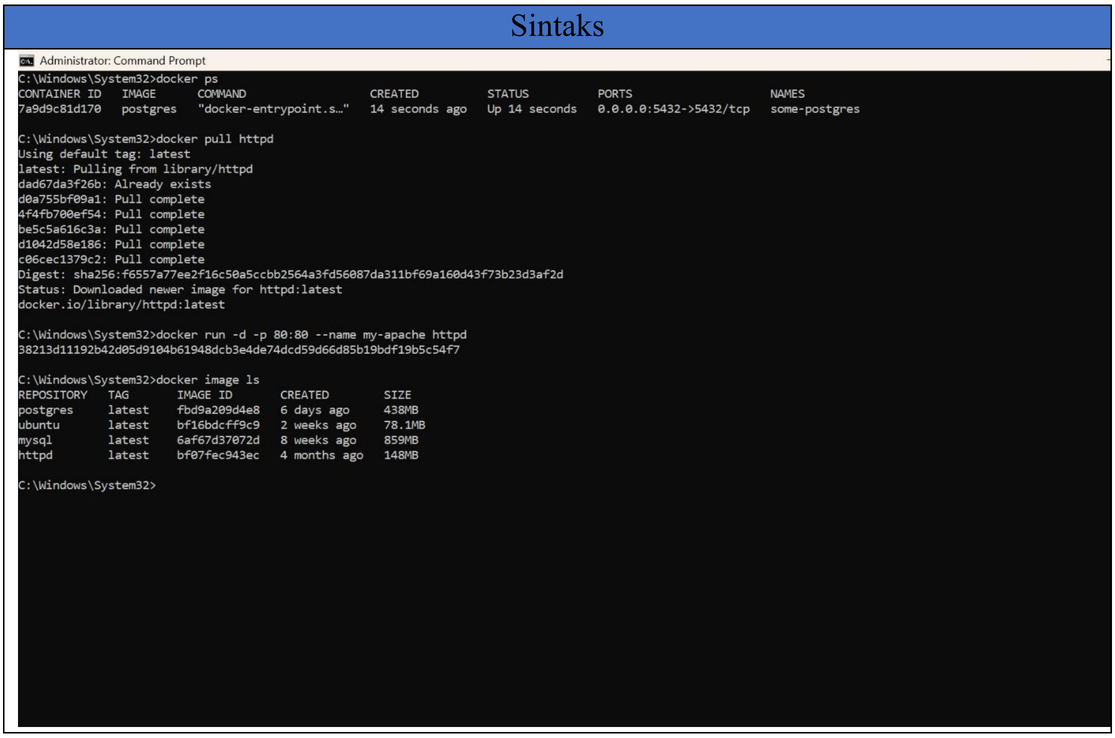
Sintaks



Administrator: Command Prompt

```
7a9d9c81d170   postgres   "docker-entrypoint.s…"   14 seconds ago   Up 14 seconds   0.0.0.0:5432->5432/tcp   some-postgres

C:\Windows\System32>docker pull httpd
Using default tag: latest
latest: Pulling from library/httpd
dad67da3f26b: Already exists
d0a755bf09a1: Pull complete
4f4fb700ef54: Pull complete
be5c5a616c3a: Pull complete
d1042d58e186: Pull complete
c06cec1379c2: Pull complete
Digest: sha256:f6557a77ee2f16c50a5ccbb2564a3fd56087da311bf69a160d43f73b23d3af2d
Status: Downloaded newer image for httpd:latest
docker.io/library/httpd:latest

C:\Windows\System32>_
```

Sintaks



Administrator: Command Prompt

```
C:\Windows\System32>docker ps
CONTAINER ID   IMAGE      COMMAND                  CREATED          STATUS          PORTS                    NAMES
7a9d9c81d170   postgres   "docker-entrypoint.s…"   14 seconds ago   Up 14 seconds   0.0.0.0:5432->5432/tcp   some-postgres

C:\Windows\System32>docker pull httpd
Using default tag: latest
latest: Pulling from library/httpd
dad67da3f26b: Already exists
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4f4fb700ef54: Pull complete
be5c5a616c3a: Pull complete
d1042d58e186: Pull complete
c06cec1379c2: Pull complete
Digest: sha256:f6557a77ee2f16c50a5ccbb2564a3fd56087da311bf69a160d43f73b23d3af2d
Status: Downloaded newer image for httpd:latest
docker.io/library/httpd:latest

C:\Windows\System32>docker run -d -p 80:80 --name my-apache httpd
38213d11192b42d05d9104b61948dcb3e4de74dcd59d66d85b19bdf19b5c54f7

C:\Windows\System32>docker image ls
REPOSITORY   TAG       IMAGE ID       CREATED         SIZE
postgres     latest    fbd9a209d4e8   6 days ago      438MB
ubuntu       latest    bf16bdcff9c9   2 weeks ago     78.1MB
mysql        latest    6af67d37072d   8 weeks ago     859MB
httpd        latest    bf07fec943ec   4 months ago    148MB

C:\Windows\System32>
```
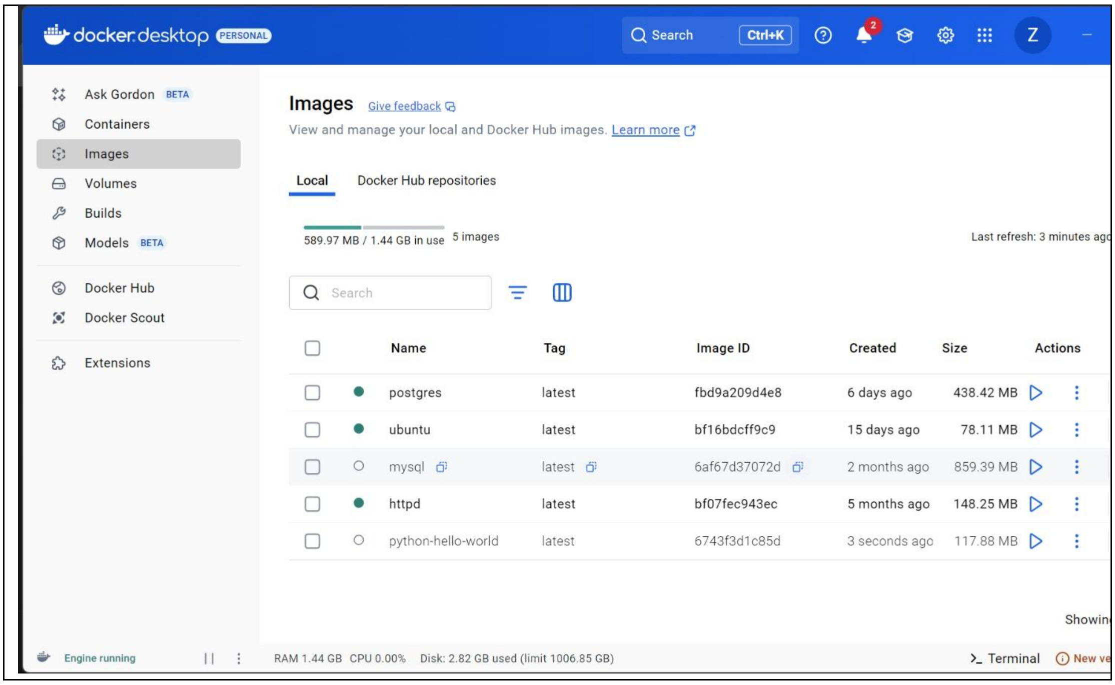

Membangun Apk di Python

Sintaks



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Local | Docker Hub repositories

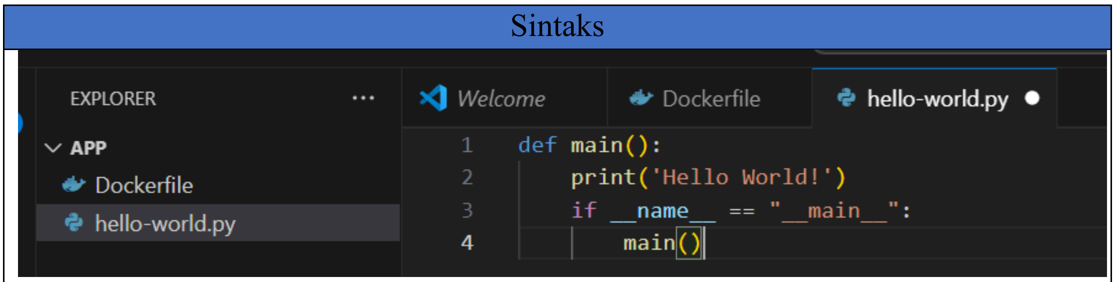
589.97 MB / 1.44 GB in use 5 images

Last refresh: 3 minutes ago

		Name	Tag	Image ID	Created	Size	Actions
□	●	postgres	latest	fbd9a209d4e8	6 days ago	438.42 MB	▷ ⋮
□	●	ubuntu	latest	bf16bdcff9c9	15 days ago	78.11 MB	▷ ⋮
□	○	mysql	latest	6af67d37072d	2 months ago	859.39 MB	▷ ⋮
□	●	httpd	latest	bf07fec943ec	5 months ago	148.25 MB	▷ ⋮
□	○	python-hello-world	latest	6743f3d1c85d	3 seconds ago	117.88 MB	▷ ⋮

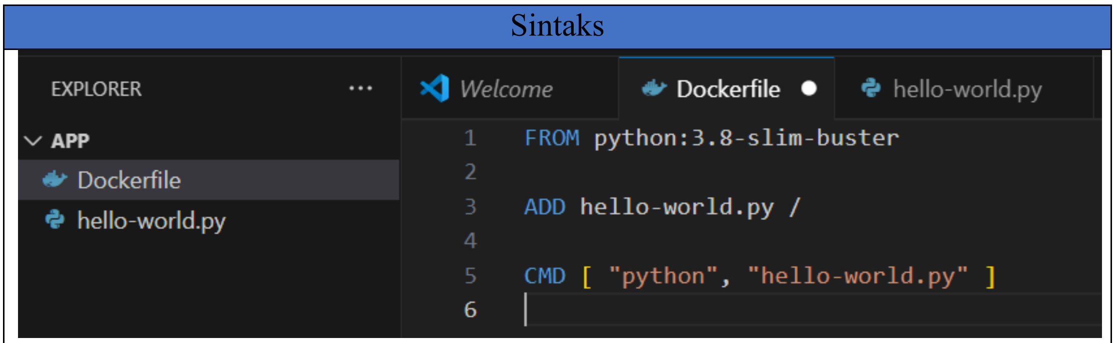
RAM 1.44 GB CPU 0.00% Disk: 2.82 GB used (limit 1006.85 GB)

Sintaks



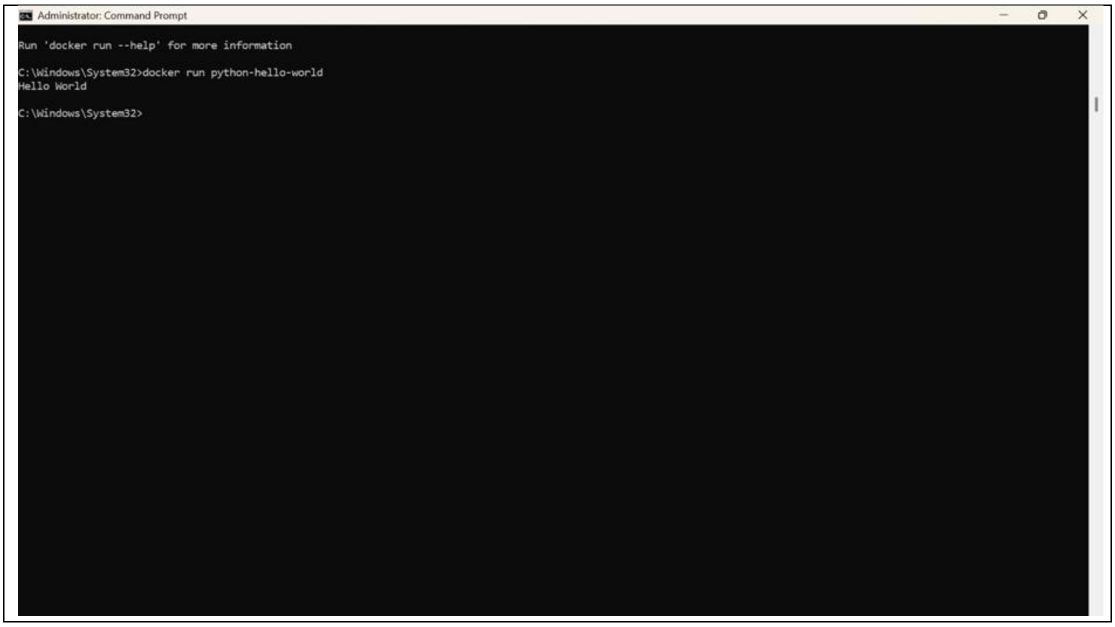
```
def main():
    print('Hello World!')
if __name__ == "__main__":
    main()
```

Sintaks



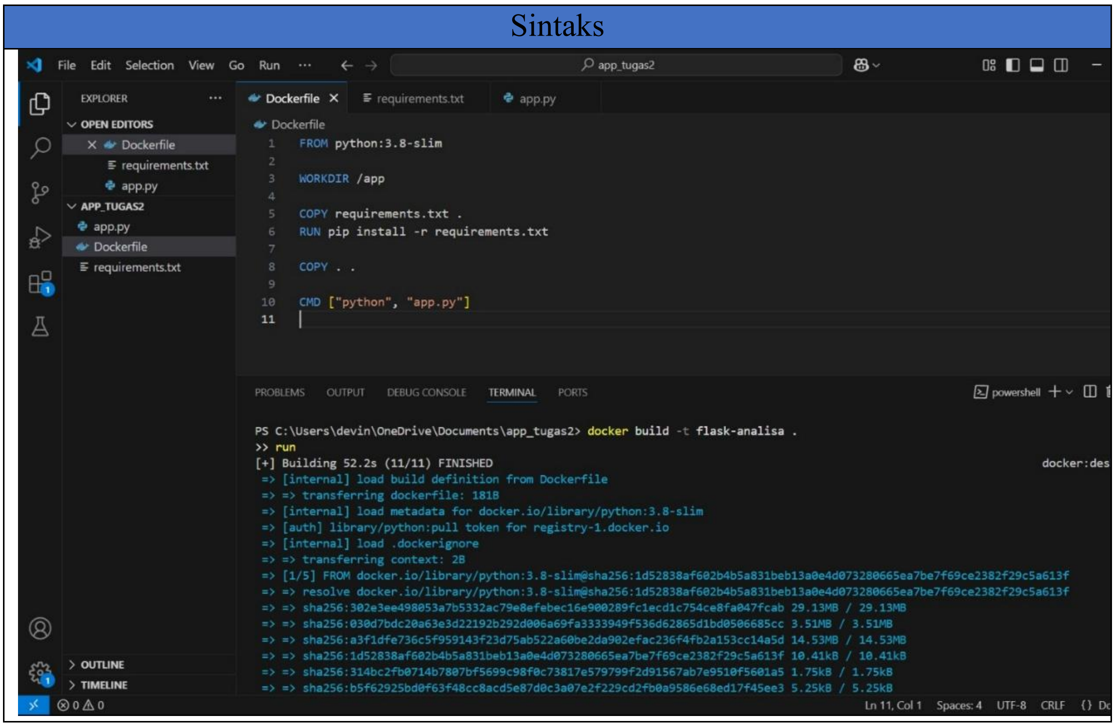
```
FROM python:3.8-slim-buster

ADD hello-world.py /

CMD [ "python", "hello-world.py" ]

```

Sintaks



```
Run 'docker run --help' for more information

C:\Windows\System32>docker run python-hello-world
Hello World

C:\Windows\System32>
```

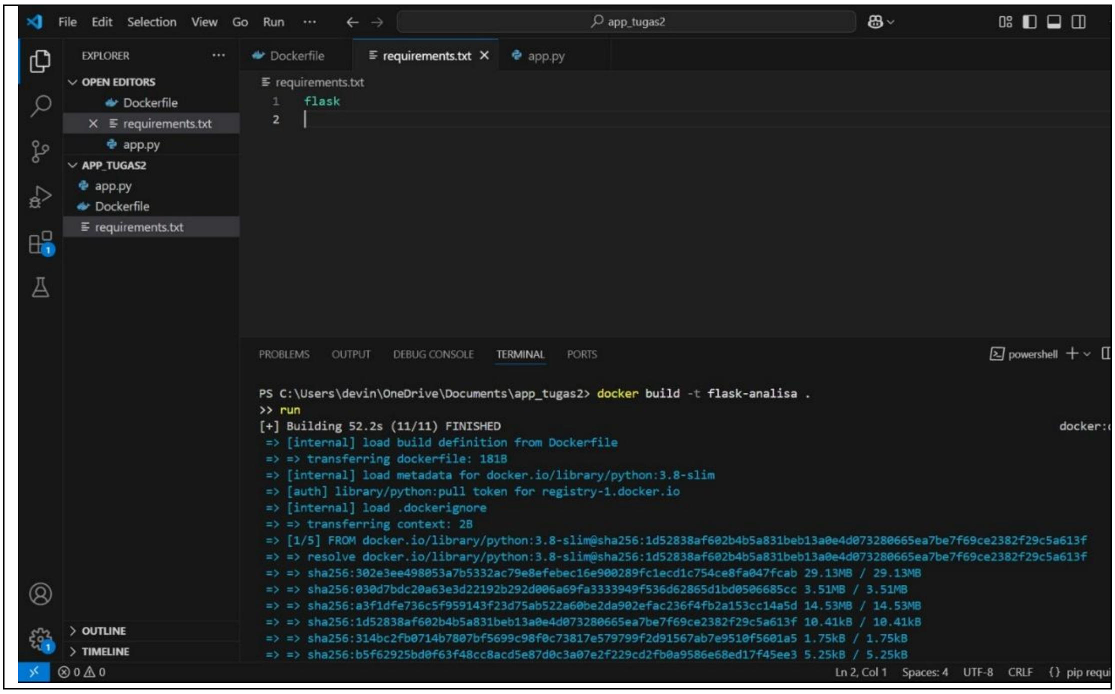
Aplikasi Data

Sintaks


```dockerfile
FROM python:3.8-slim

WORKDIR /app

COPY requirements.txt .
RUN pip install -r requirements.txt

COPY . .

CMD ["python", "app.py"]

```

```
PS C:\Users\devin\OneDrive\Documents\app_tugas2> docker build -t flask-analisa .
>> run
[+] Building 52.2s (11/11) FINISHED                                                              docker:des
 => [internal] load build definition from Dockerfile
 => => transferring dockerfile: 181B
 => [internal] load metadata for docker.io/library/python:3.8-slim
 => [auth] library/python:pull token for registry-1.docker.io
 => [internal] load .dockerignore
 => => transferring context: 2B
 => [1/5] FROM docker.io/library/python:3.8-slim@sha256:1d52838af602b4b5a831beb13a0e4d073280665ea7be7f69ce2382f29c5a613f
 => => resolve docker.io/library/python:3.8-slim@sha256:1d52838af602b4b5a831beb13a0e4d073280665ea7be7f69ce2382f29c5a613f
 => => sha256:302e3ee498053a7b5332ac79e8efebec16e900289fc1ecd1c754ce8fa047fcab 29.13MB / 29.13MB
 => => sha256:030d7bdc20a63e3d22192b292d006a69fa3333949f536d62865d1bd0506685cc 3.51MB / 3.51MB
 => => sha256:a3f1dfe736c5f959143f23d75ab522a60be2da902efac236f4fb2a153cc14a5d 14.53MB / 14.53MB
 => => sha256:1d52838af602b4b5a831beb13a0e4d073280665ea7be7f69ce2382f29c5a613f 10.41kB / 10.41kB
 => => sha256:314bc2fb0714b7807bf5699c98f0c73817e579799f2d91567ab7e9510f5601a5 1.75kB / 1.75kB
 => => sha256:b5f62925bd0f63f48cc8acd5e87d0c3a07e2f229cd2fb0a9586e68ed17f45ee3 5.25kB / 5.25kB
```

Sintaks

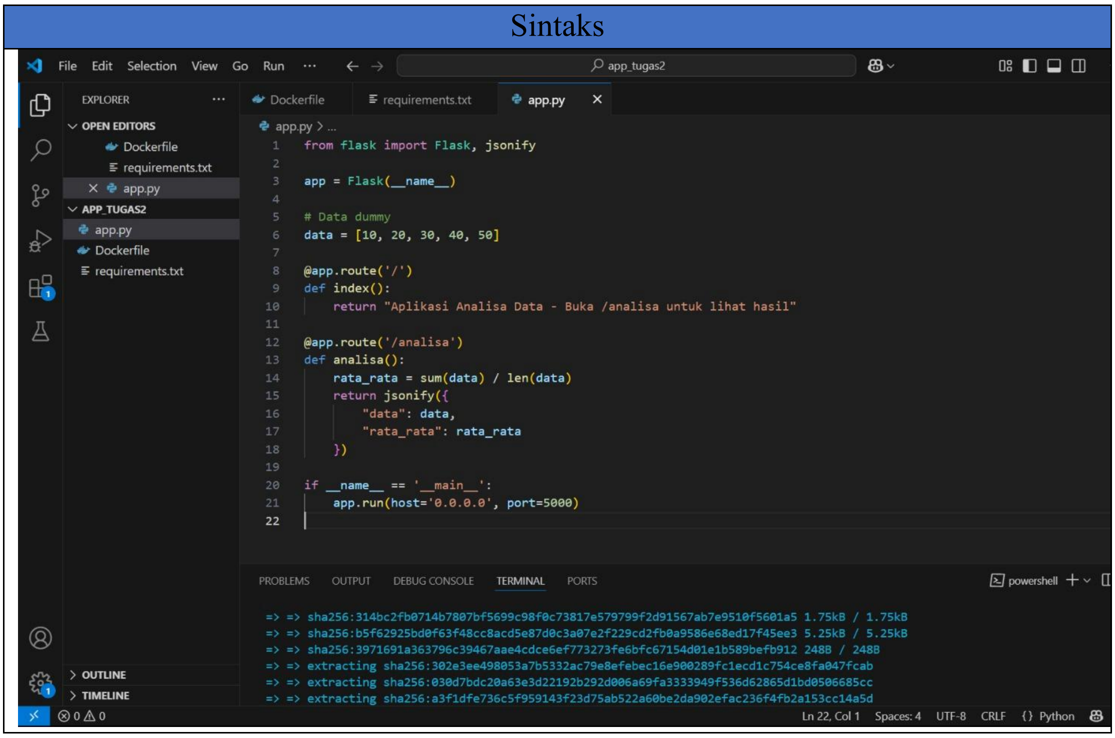


requirements.txt

```
flask

```

```
PS C:\Users\devin\OneDrive\Documents\app_tugas2> docker build -t flask-analisa .
>> run
[+] Building 52.2s (11/11) FINISHED                                                                    docker:
 => [internal] load build definition from Dockerfile
 => => transferring dockerfile: 181B
 => [internal] load metadata for docker.io/library/python:3.8-slim
 => [auth] library/python:pull token for registry-1.docker.io
 => [internal] load .dockerignore
 => => transferring context: 2B
 => [1/5] FROM docker.io/library/python:3.8-slim@sha256:1d52838af602b4b5a831beb13a0e4d073280665ea7be7f69ce2382f29c5a613f
 => => resolve docker.io/library/python:3.8-slim@sha256:1d52838af602b4b5a831beb13a0e4d073280665ea7be7f69ce2382f29c5a613f
 => => sha256:302e3ee498053a7b5332ac79e8efebec16e900289fc1ecd1c754ce8fa047fcab 29.13MB / 29.13MB
 => => sha256:030d7bdc20a63e3d22192b292d006a69fa3333949f536d62865d1bd0506685cc 3.51MB / 3.51MB
 => => sha256:a3f1dfe736c5f959143f23d75ab522a60be2da902efac236f4fb2a153cc14a5d 14.53MB / 14.53MB
 => => sha256:1d52838af602b4b5a831beb13a0e4d073280665ea7be7f69ce2382f29c5a613f 10.41kB / 10.41kB
 => => sha256:314bc2fb0714b7807bf5699c98f0c73817e579799f2d91567ab7e9510f5601a5 1.75kB / 1.75kB
 => => sha256:b5f62925bd0f63f48cc8acd5e87d0c3a07e2f229cd2fb0a9586e68ed17f45ee3 5.25kB / 5.25kB
```

Sintaks

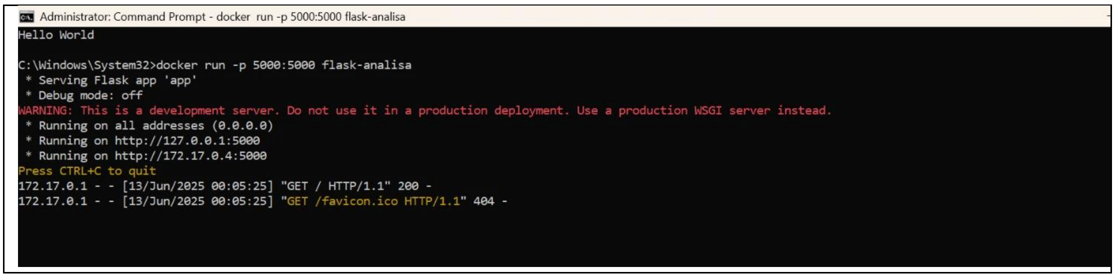


app.py

```python
from flask import Flask, jsonify

app = Flask(__name__)

# Data dummy
data = [10, 20, 30, 40, 50]

@app.route('/')
def index():
    return "Aplikasi Analisa Data - Buka /analisa untuk lihat hasil"

@app.route('/analisa')
def analisa():
    rata_rata = sum(data) / len(data)
    return jsonify({
        "data": data,
        "rata_rata": rata_rata
    })

if __name__ == '__main__':
    app.run(host='0.0.0.0', port=5000)

```

```
 => => sha256:314bc2fb0714b7807bf5699c98f0c73817e579799f2d91567ab7e9510f5601a5 1.75kB / 1.75kB
 => => sha256:b5f62925bd0f63f48cc8acd5e87d0c3a07e2f229cd2fb0a9586e68ed17f45ee3 5.25kB / 5.25kB
 => => sha256:3971691a363796c39467aae4cdce6ef773273fe6bfc67154d01e1b589befb912 248B / 248B
 => => extracting sha256:302e3ee498053a7b5332ac79e8efebec16e900289fc1ecd1c754ce8fa047fcab
 => => extracting sha256:030d7bdc20a63e3d22192b292d006a69fa3333949f536d62865d1bd0506685cc
 => => extracting sha256:a3f1dfe736c5f959143f23d75ab522a60be2da902efac236f4fb2a153cc14a5d
```

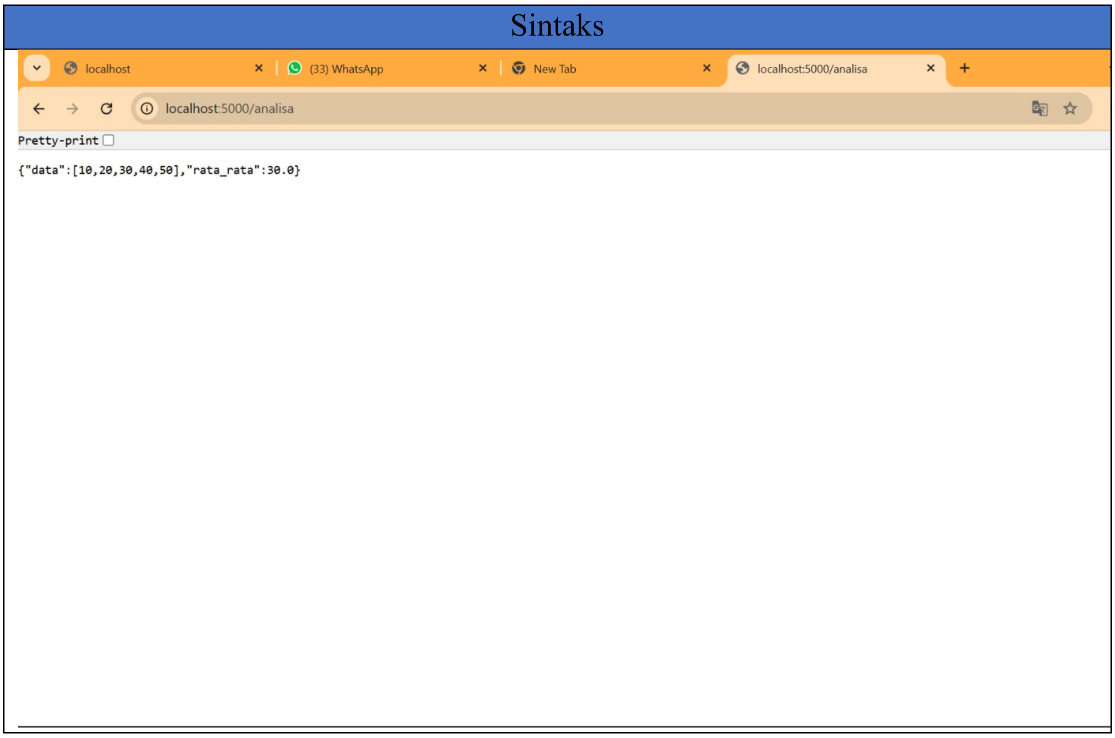
Sintaks



Administrator: Command Prompt - docker run -p 5000:5000 flask-analisa

```
Hello World

C:\Windows\System32>docker run -p 5000:5000 flask-analisa
 * Serving Flask app 'app'
 * Debug mode: off
WARNING: This is a development server. Do not use it in a production deployment. Use a production WSGI server instead.
 * Running on all addresses (0.0.0.0)
 * Running on http://127.0.0.1:5000
 * Running on http://172.17.0.4:5000
Press CTRL+C to quit
172.17.0.1 - - [13/Jun/2025 00:05:25] "GET / HTTP/1.1" 200 -
172.17.0.1 - - [13/Jun/2025 00:05:25] "GET /favicon.ico HTTP/1.1" 404 -
```

Sintaks



```
{"data":[10,20,30,40,50],"rata_rata":30.0}
```

Link Github :
https://github.com/amandadf8/tugasdocker
Link Video :
https://drive.google.com/drive/folders/1HINt9DpnIcrbTUlOuWOpGQXnvLSJfsbD?usp=sharing