Ujian Akhir Semeseter

LAPORAN SISTEM OPERASI

Disusun Oleh :

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PROGRAM STUDI INFORMATIKA
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2025
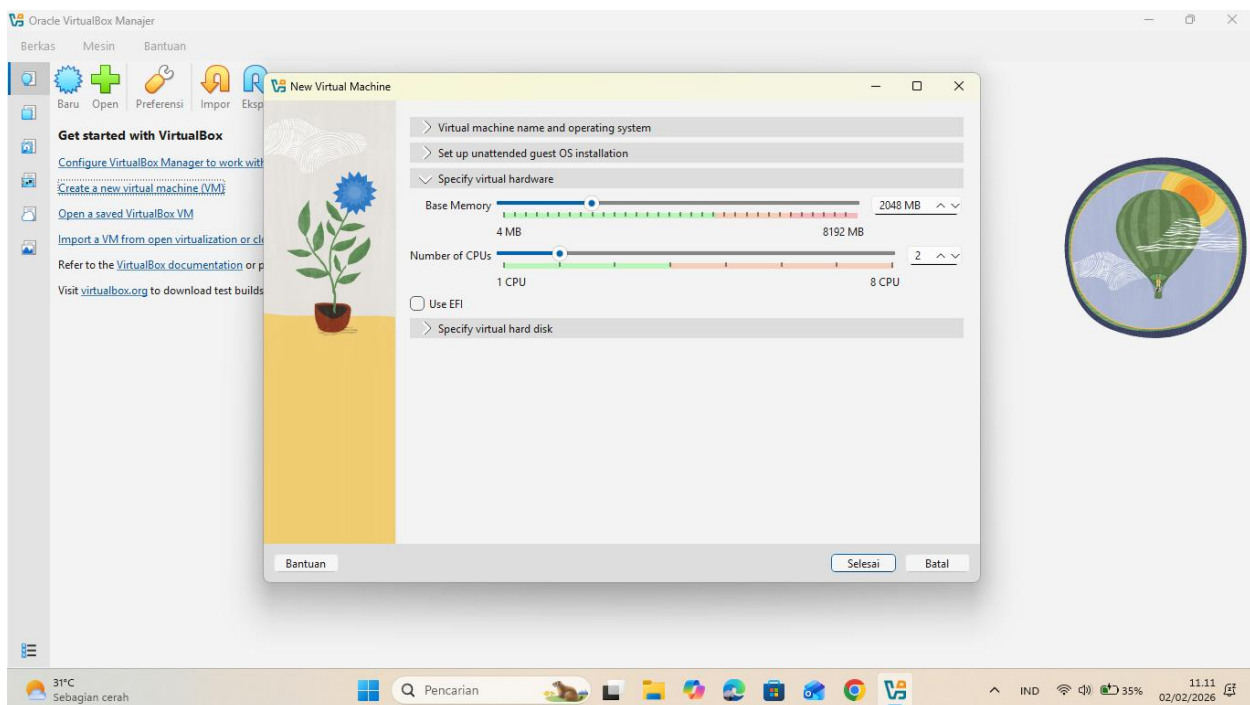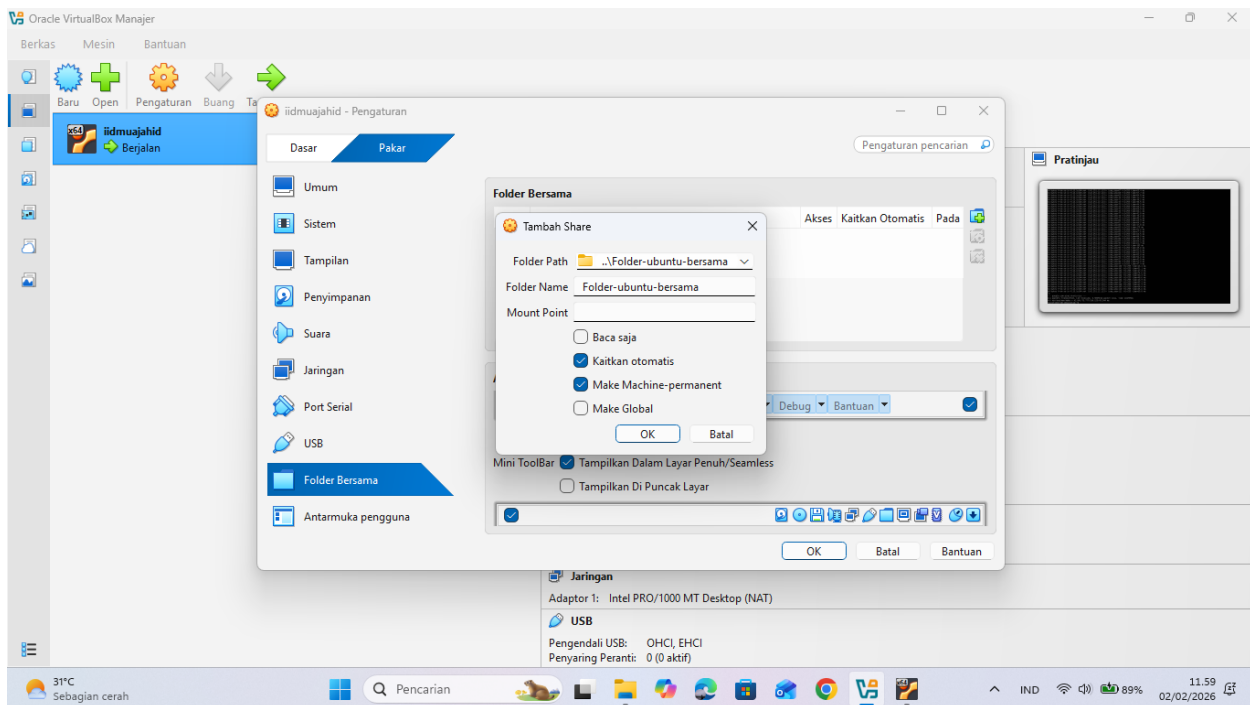
Materi: Sistem Operasi

1. Tujuannya:

1. Mahasiswa dapat memahami dan mengetahui linux ubuntu di dalam window virtualbox
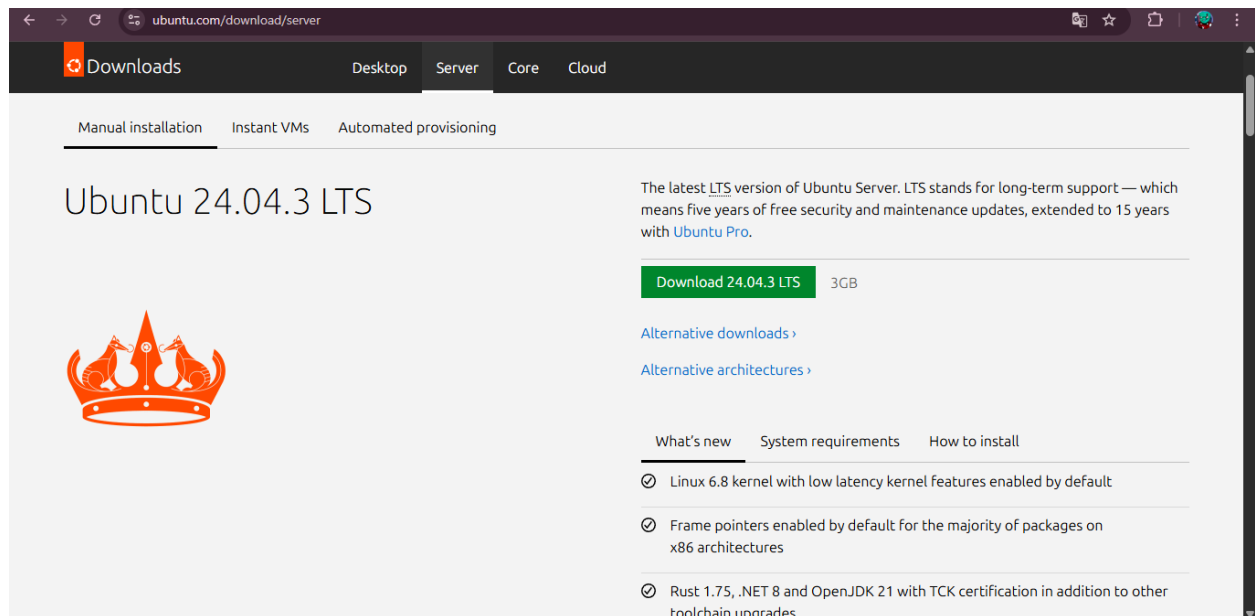
Tools yang digunakan

- Laptop
- Orecle VirtualBox
- Server Ubuntu

Berisi langkah-langkah sistem operasi ubuntu

Install oracle virtual box

Lalu Install server ubuntu

```
dex.php
uajahiddin1@iidmuajahid:~/docker-web$ echo "<?php echo '<h1>Hello Saya iid! PHP ini jalan di Docker</h1>';?>"index.php
php echo '<h1>Hello Saya iid! PHP ini jalan di Docker</h1>';?>index.php
uajahiddin1@iidmuajahid:~/docker-web$ docker ps
ermission denied while trying to connect to the Docker daemon socket at unix:///var/run/docker.sock: Get "http://%2Fvar%2Frun%2Fdocker.sock/v1.50/containers/js
n": dial unix /var/run/docker.sock: connect: permission denied
uajahiddin1@iidmuajahid:~/docker-web$ docker ps
ermission denied while trying to connect to the Docker daemon socket at unix:///var/run/docker.sock: Get "http://%2Fvar%2Frun%2Fdocker.sock/v1.50/containers/js
n": dial unix /var/run/docker.sock: connect: permission denied
uajahiddin1@iidmuajahid:~/docker-web$
uajahiddin1@iidmuajahid:~/docker-web$
uajahiddin1@iidmuajahid:~/docker-web$
uajahiddin1@iidmuajahid:~/docker-web$ sudo docker ps
sudo] password for muajahiddin1:
ONTAINER ID   IMAGE     COMMAND   CREATED   STATUS    PORTS     NAMES
uajahiddin1@iidmuajahid:~/docker-web$ echo -e "services:\n web:\n image: php:8.2-apache\n volumes:\n -'80800:80'"> docker-compose.yml
uajahiddin1@iidmuajahid:~/docker-web$ cat docker-compose.yml
ervices:
eb:
image: php:8.2-apache
volumes:
-'80800:80'
uajahiddin1@iidmuajahid:~/docker-web$ echo -e "services:\n web:\n image: php:8.2-apache\n volume:\n - .:/var/www/html\n ports:\n -'8080:80'" > docker-compose.y

uajahiddin1@iidmuajahid:~/docker-web$ sudo docker-compose up -d
sudo] password for muajahiddin1:
RROR: yaml.scanner.ScannerError: while scanning a simple key
 in "./docker-compose.yml", line 7, column 2
uld not find expected ':'
 in "./docker-compose.yml", line 8, column 1
uajahiddin1@iidmuajahid:~/docker-web$
uajahiddin1@iidmuajahid:~/docker-web$ cat docker-compose.yml
ervices:
eb:
image: php:8.2-apache
volume:
 .:/var/www/html
orts:
'8080:80'
uajahiddin1@iidmuajahid:~/docker-web$
```

```
Running kernel seems to be up-to-date.

No services need to be restarted.

No containers need to be restarted.

No user sessions are running outdated binaries.

No VM guests are running outdated hypervisor (qemu) binaries on this host.
muajahiddin1@iidmuajahid:~$ sudo systemctl start docker
muajahiddin1@iidmuajahid:~$ sudo systemctl start docker
muajahiddin1@iidmuajahid:~$ From nginux:alpine
Command 'From' not found, did you mean:
  command 'from' from deb mailutils (1:3.16-1build1)
Try: sudo apt install <deb name>
muajahiddin1@iidmuajahid:~$ muajahiddin1
muajahiddin1: command not found
muajahiddin1@iidmuajahid:~$ muajahid1
muajahid1: command not found
muajahiddin1@iidmuajahid:~$ Muajahiddin1
Muajahiddin1: command not found
muajahiddin1@iidmuajahid:~$ muajahiddin1
muajahiddin1: command not found
muajahiddin1@iidmuajahid:~$ docker  build -t web-app
DEPRECATED: The legacy builder is deprecated and will be removed in a future release.
            Install the buildx component to build images with BuildKit:
            https://docs.docker.com/go/buildx/

docker: 'docker build' requires 1 argument

Usage:  docker build [OPTIONS] PATH | URL | -

Run 'docker build --help' for more information
muajahiddin1@iidmuajahid:~$ docker run -d -p 8080:80 web-app
docker: permission denied while trying to connect to the Docker daemon socket at unix:///var/run/docker.sock: Head "http://%2Fvar%2Frun%2Fdocker.sock/_ping": c
al unix /var/run/docker.sock: connect: permission denied

Run 'docker run --help' for more information
muajahiddin1@iidmuajahid:~$
```
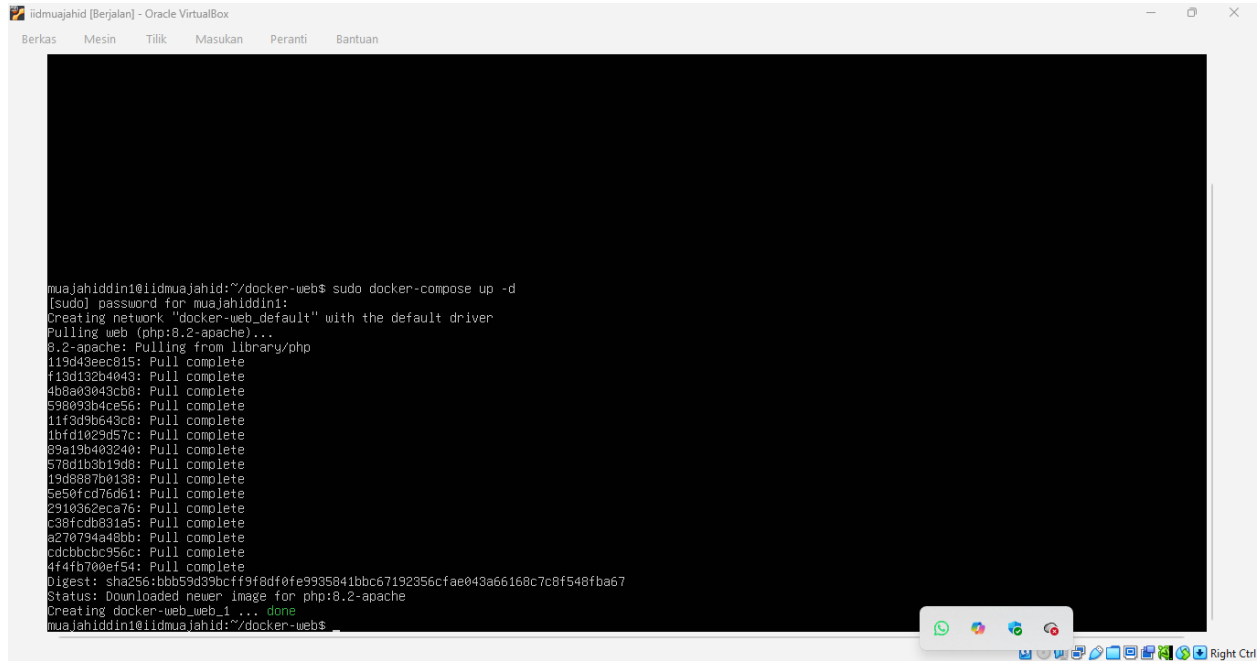
Ping google.com

Yang trakhir jalankan linux ubuntu didalam virtualbox.