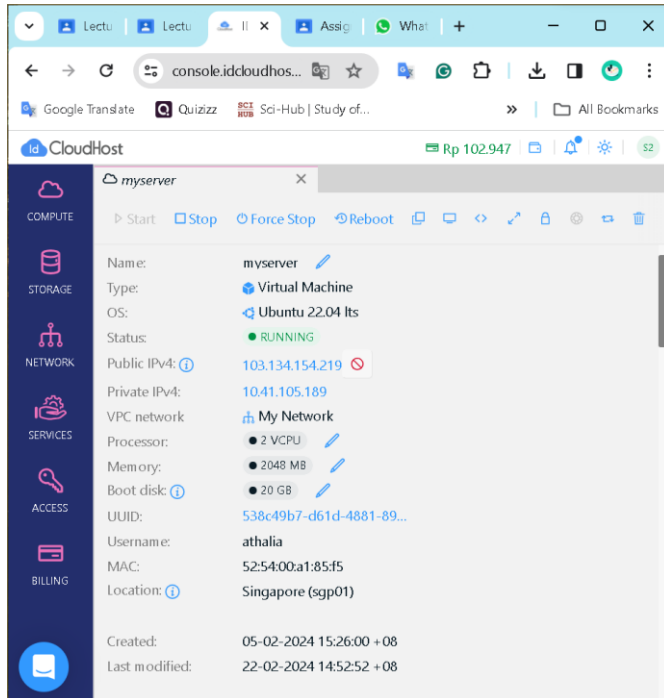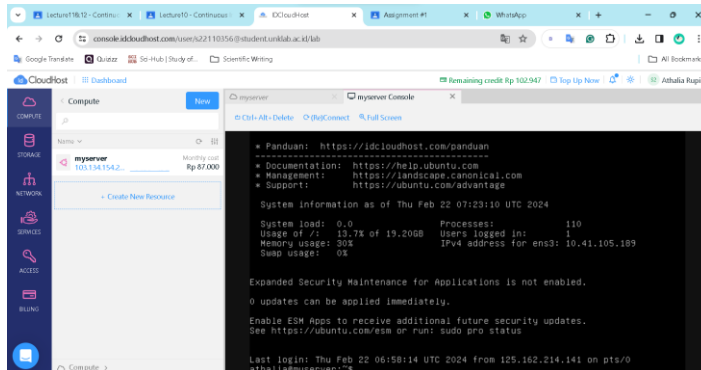# DEVOPS REPORT 1

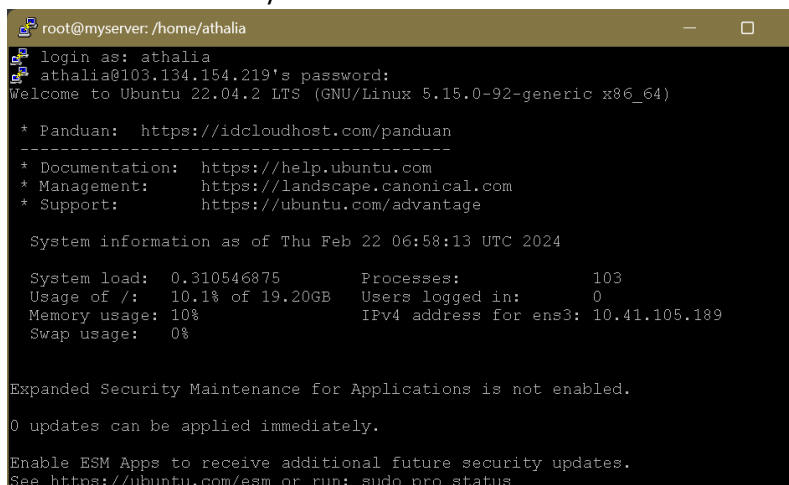**Name : Athalia Rupilu**

- CLOUD VPS

-
- Access VPS via Virtual Console

- Access VPS via Putty

- Access VPS via CMD


```
athalia@myserver: ~                    ×      +   ∨

Are you sure you want to continue connecting (yes/no/[fingerprint])? y
Please type 'yes', 'no' or the fingerprint: yes
Warning: Permanently added '103.134.154.219' (ED25519) to the list of known hosts.
athalia@103.134.154.219's password:
Welcome to Ubuntu 22.04.2 LTS (GNU/Linux 5.15.0-92-generic x86_64)

 * Panduan:  https://idcloudhost.com/panduan
 ---------------------------------------------
 * Documentation:  https://help.ubuntu.com
 * Management:      https://landscape.canonical.com
 * Support:         https://ubuntu.com/advantage

  System information as of Thu Feb 22 07:26:26 UTC 2024

   System load:  0.0                Processes:             112
   Usage of /:   13.7% of 19.20GB   Users logged in:       1
   Memory usage: 31%                IPv4 address for ens3: 10.41.105.189
   Swap usage:   0%


Expanded Security Maintenance for Applications is not enabled.

0 updates can be applied immediately.

Enable ESM Apps to receive additional future security updates.
See https://ubuntu.com/esm or run: sudo pro status


Last login: Thu Feb 22 07:23:11 2024
athalia@myserver:~$
```
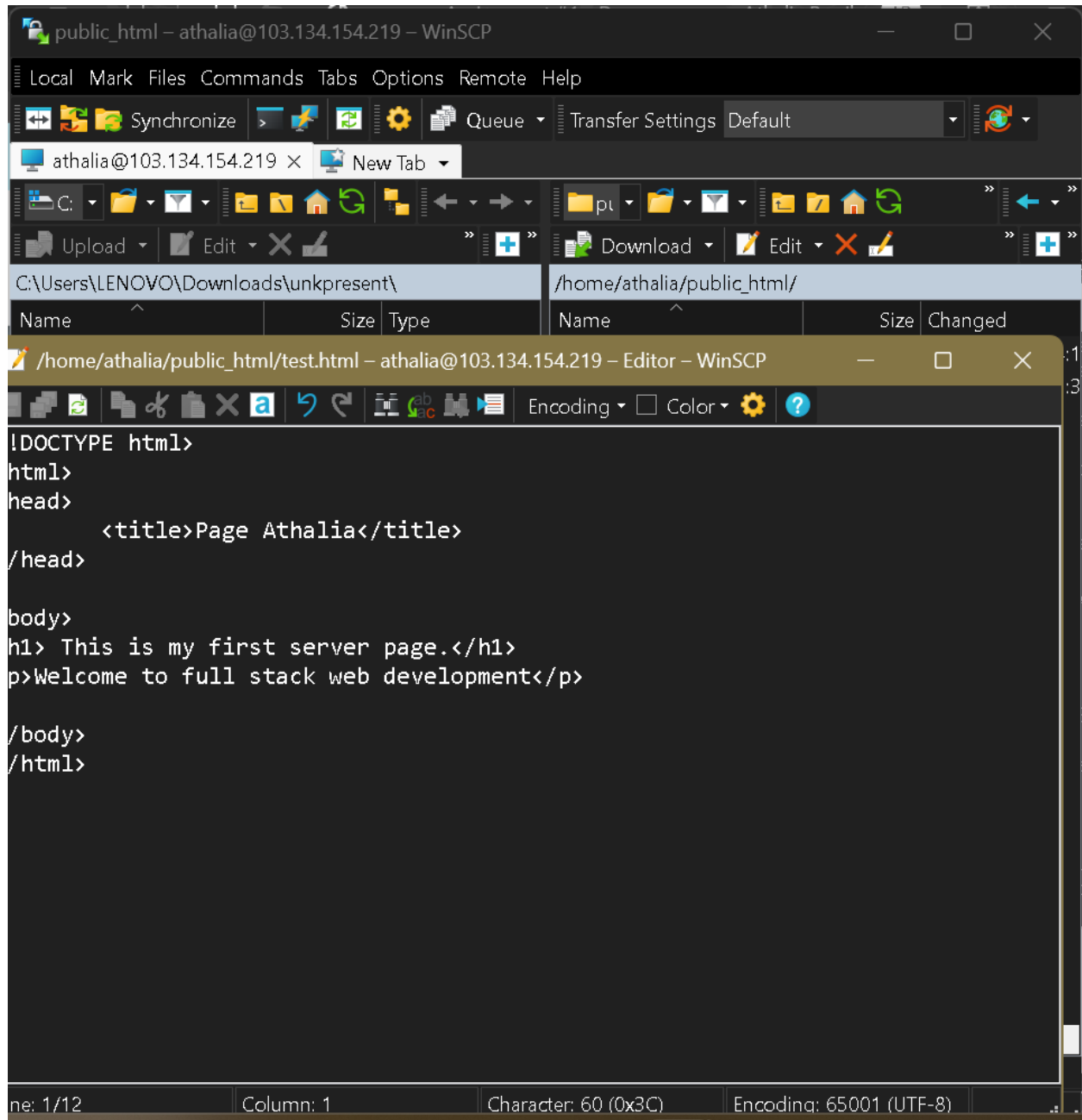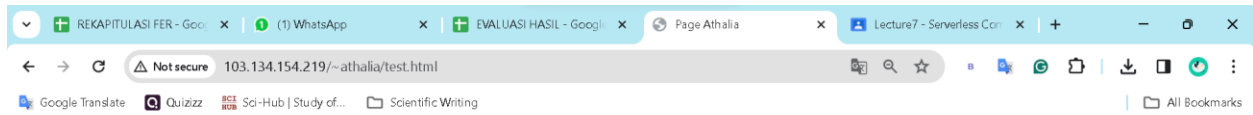
- Install apache2 using Putty


```
root@myserver: /home/athalia                              —    ☐

login as: athalia
athalia@103.134.154.219's password:
Welcome to Ubuntu 22.04.2 LTS (GNU/Linux 5.15.0-92-generic x86_64)

 * Panduan:  https://idcloudhost.com/panduan
 ---------------------------------------------
 * Documentation:  https://help.ubuntu.com
 * Management:      https://landscape.canonical.com
 * Support:         https://ubuntu.com/advantage

  System information as of Thu Feb 22 06:58:13 UTC 2024

   System load:  0.310546875        Processes:             103
   Usage of /:   10.1% of 19.20GB   Users logged in:       0
   Memory usage: 10%                IPv4 address for ens3: 10.41.105.189
   Swap usage:   0%


Expanded Security Maintenance for Applications is not enabled.

0 updates can be applied immediately.

Enable ESM Apps to receive additional future security updates.
See https://ubuntu.com/esm or run: sudo pro status
```

- Testing public_html in User Directory
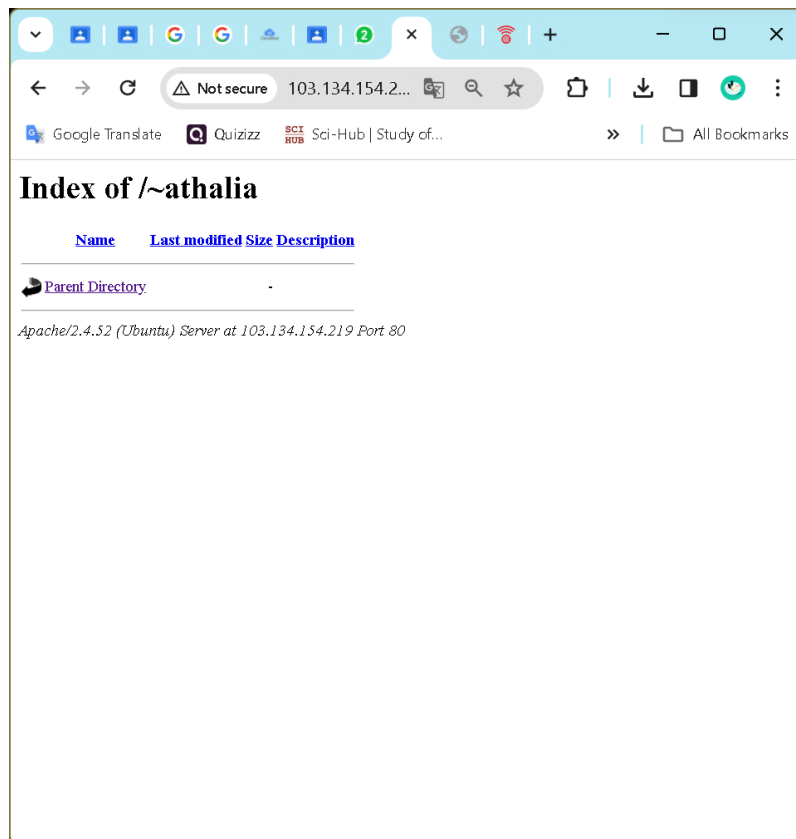
- Create HTML file in "public_html"

```
!DOCTYPE html>
html>
head>
        <title>Page Athalia</title>
/head>

body>
h1> This is my first server page.</h1>
p>Welcome to full stack web development</p>

/body>
/html>
```

- Access file html via browser

This is my first server page.

Welcome to full stack web development

- Install MySQL in ubuntu server


```
 *  Strictly confined Kubernetes makes edge and IoT secure. Learn how MicroK8s
    just raised the bar for easy, resilient and secure K8s cluster deployment.

    https://ubuntu.com/engage/secure-kubernetes-at-the-edge

Expanded Security Maintenance for Applications is not enabled.

64 updates can be applied immediately.
To see these additional updates run: apt list --upgradable

Enable ESM Apps to receive additional future security updates.
See https://ubuntu.com/esm or run: sudo pro status


*** System restart required ***
Last login: Thu Feb 22 10:50:47 2024 from 182.1.136.8
athalia@myserver:~$ sudo su
root@myserver:/home/athalia# sudo apt install mysql-server
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
mysql-server is already the newest version (8.0.36-0ubuntu0.22.04.1).
0 upgraded, 0 newly installed, 0 to remove and 64 not upgraded.
root@myserver:/home/athalia#
```

- Mengaktifkan file .htaccess di Apache2 pada Ubuntu Server

-

Mengaktifkan file .htaccess di Apache2 pada Ubuntu Server

- (25%) Mampu lakukan remote server jarak jauh dan melakukan edit pada source code PHP menggunakan salah satu text editor.
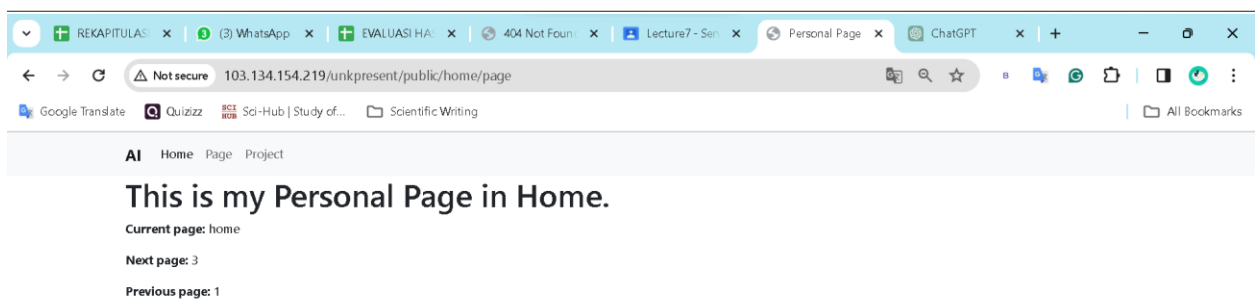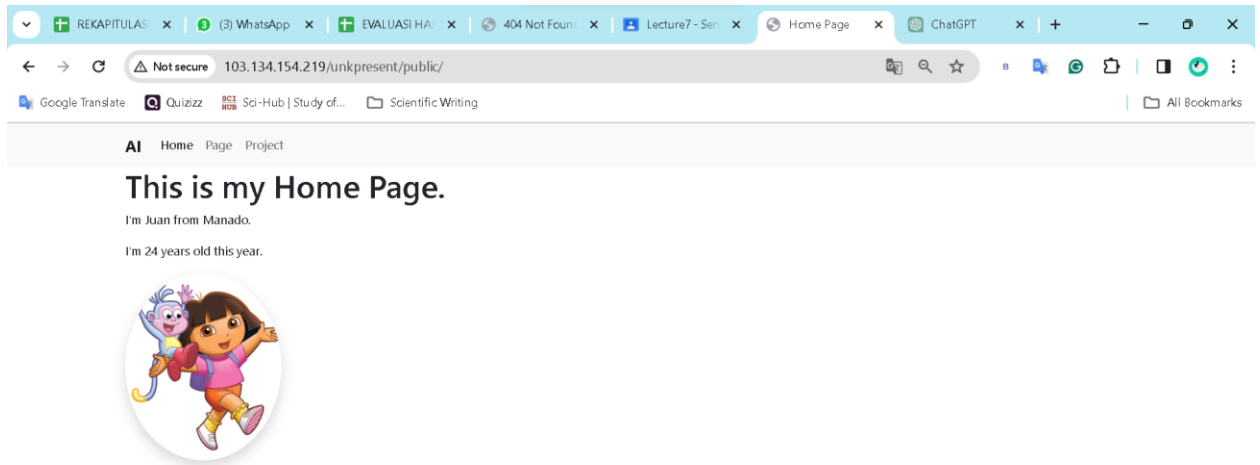
-
- 30%) Mampu membuat sebuah database , sebuah table dan insert data ke dalam table melalui CMD atau Putty?

```
  athalia@myserver: ~                                        —   □

| Tables_in_db_unklab |
+---------------------+
| Student             |
| student             |
| tbl_students        |
+---------------------+
3 rows in set (0.00 sec)

mysql> INSERT INTO Student (Stud_ID, Name, Email, City)
    -> VALUES (1,'Stephen','stephen@javatpoint.com','Texas'),
    -> (2,'Joseph','Joseph@javatpoint.com','Alaska');
Query OK, 2 rows affected (0.40 sec)
Records: 2  Duplicates: 0  Warnings: 0

mysql> SELECT * FROM Student;
+---------+---------+------------------------+--------+
| Stud_ID | Name    | Email                  | City   |
+---------+---------+------------------------+--------+
|       1 | Stephen | stephen@javatpoint.com | Texas  |
|       2 | Joseph  | Joseph@javatpoint.com  | Alaska |
+---------+---------+------------------------+--------+
2 rows in set (0.00 sec)

mysql>
```