AWS CLOUD TASK

Prerequisites:

I created AWS Account

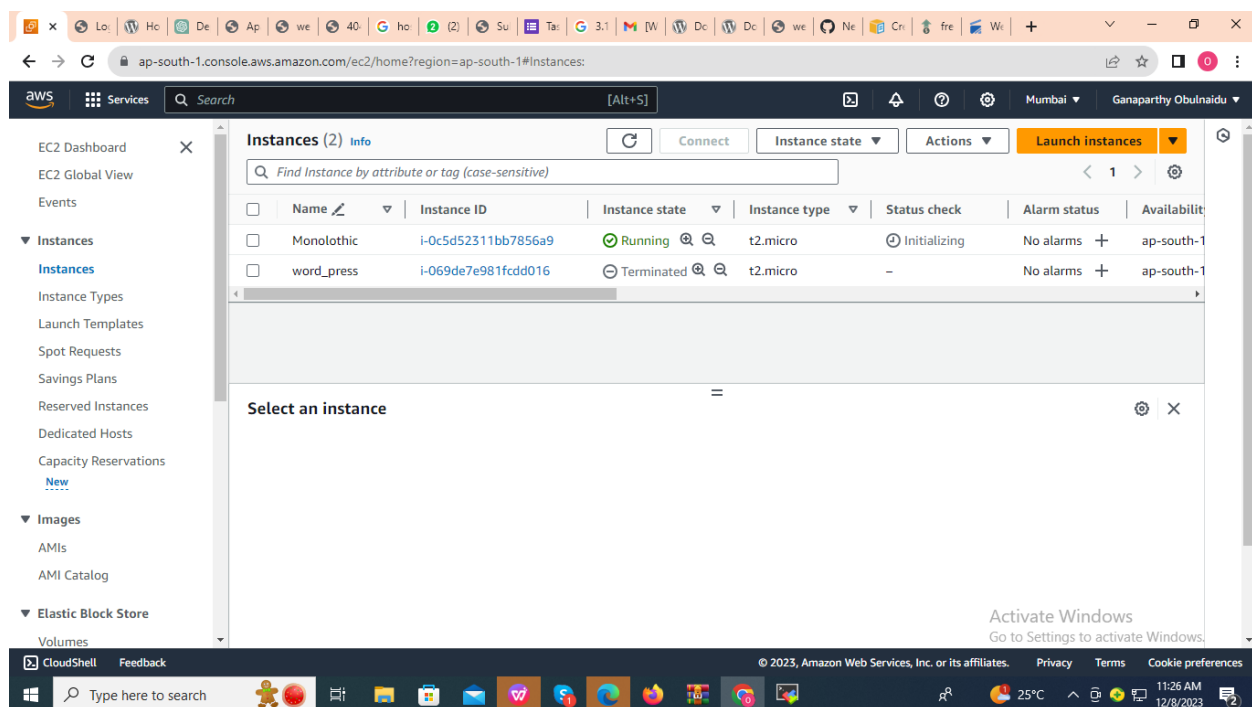# Login to AWS console

TASK:

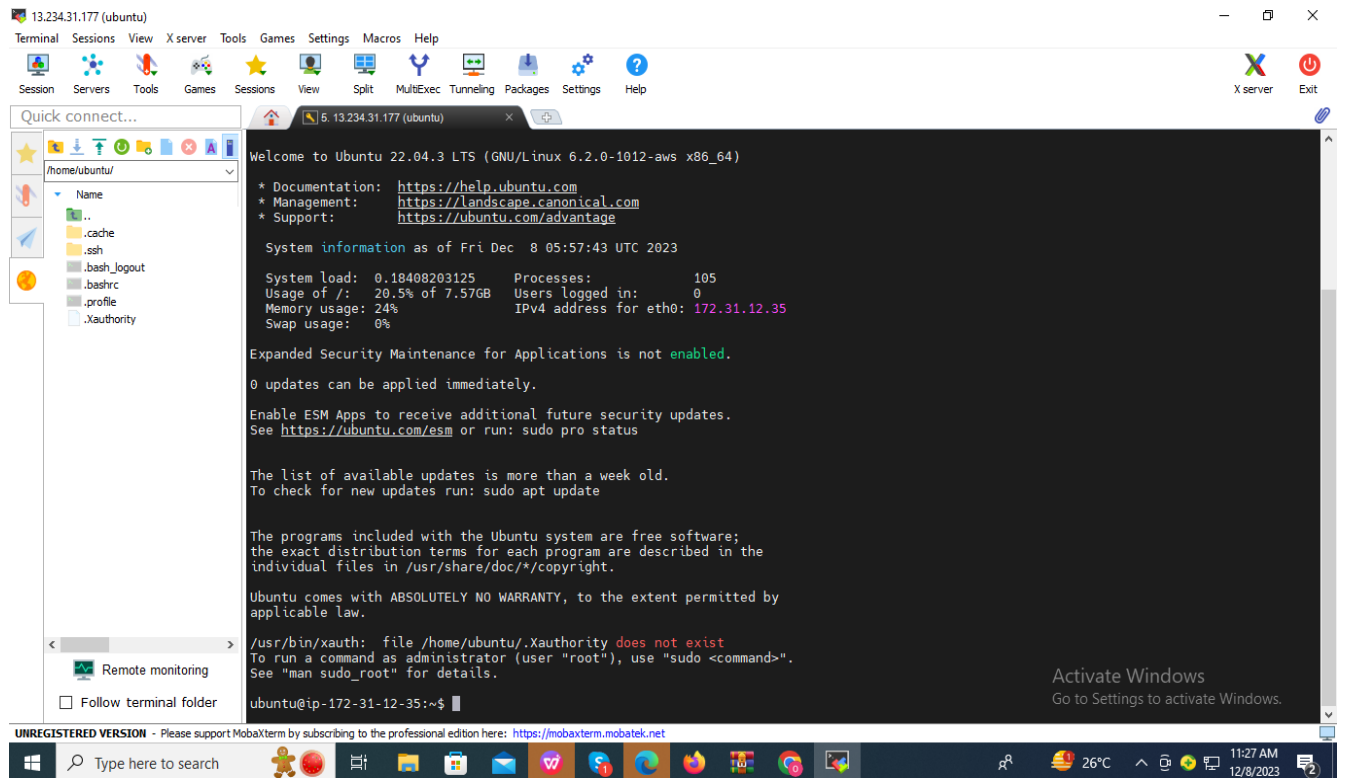MONOLOTHIC ARCHITECTURE: DEPLOY WORDPRESS AND MYSQL ON SAME INSTANCE

AMI-UBUNTU, EC2 INSTANCE TYPE;T2 MICRO (TASK REQUIREMENT I USED)

LAUNCHED Ec2 instance below

AMI-Ubuntu, t2 micro-ec2 instance type,

 created key pair, configured the security groups HTTP, HTTPS, SSH

By using the public ip address of my launched ec2 instance connected by SSH for mobixtream.

#1. Install Apache server on Ubuntu

 sudo apt install apache2

2. Install Php runtime and php mysql connector

sudo apt install php libapache2-mod-php php-mysql

3. Install MySQL server

sudo apt install mysql-server

4. Login to MySQL server

sudo mysql -u root

5. Change authentication plugin to mysql_native_password (change the password to something strong)

ALTER USER 'root'@localhost IDENTIFIED WITH mysql_native_password by 'Testpassword@124';

6. Create a new database user for wordpress (change the password to something strong)

CREATE USER 'wp1_user'@localhost IDENTIFIED BY 'Testpassword@124';
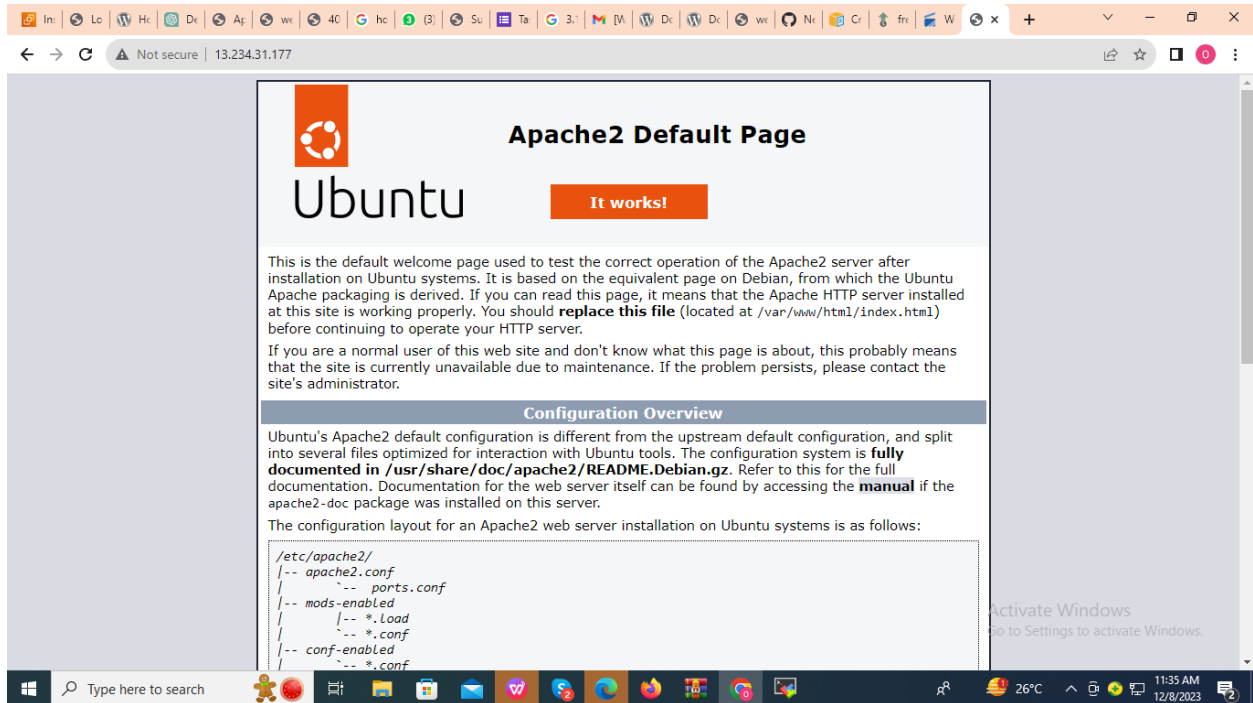
7. Create a database for wordpress

CREATE DATABASE wp;

8. Grant all privilges on the database 'wp' to the newly created user

GRANT ALL PRIVILEGES ON wp.* TO 'wp1_user'@localhost;

9.exit

We can navigate apache2 server by using ip address active or not.

It shows this image if it is working

9. Download wordpress

cd /tmp

wget https://wordpress.org/latest.tar.gz

10. Unzip

tar -xvf latest.tar.gz

11. Move wordpress folder to apache document root

sudo mv wordpress/ /var/www/html

12. Change to that directory to check whether wordpress is moved to document root and the path for that dirctory is.

cd /var/www/html

13.To list the files

Ls

NOTE: here by navigating our ip /wordpress we can have wordpress installation screen.here by clicking on lets go,we give db name,user,password,db host,table-prefix and submits.

here it shows unable to write wp-config.php file.here copy the below text of php file and go back to terminal.
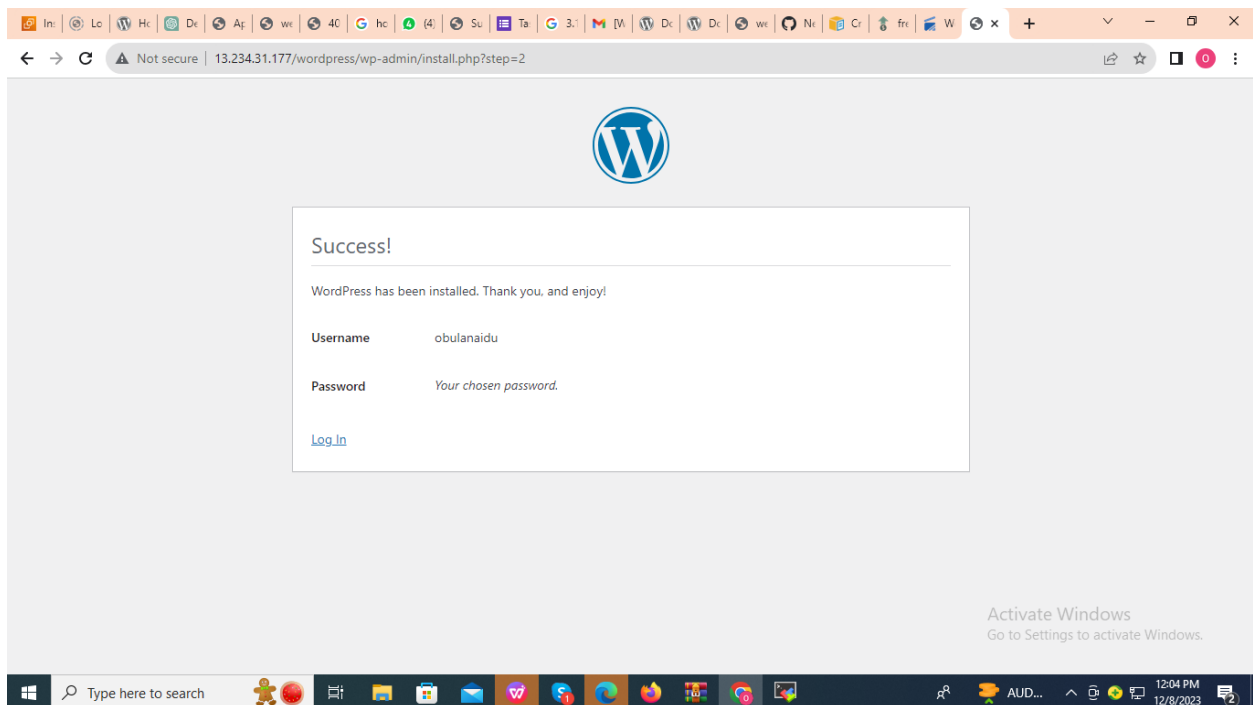
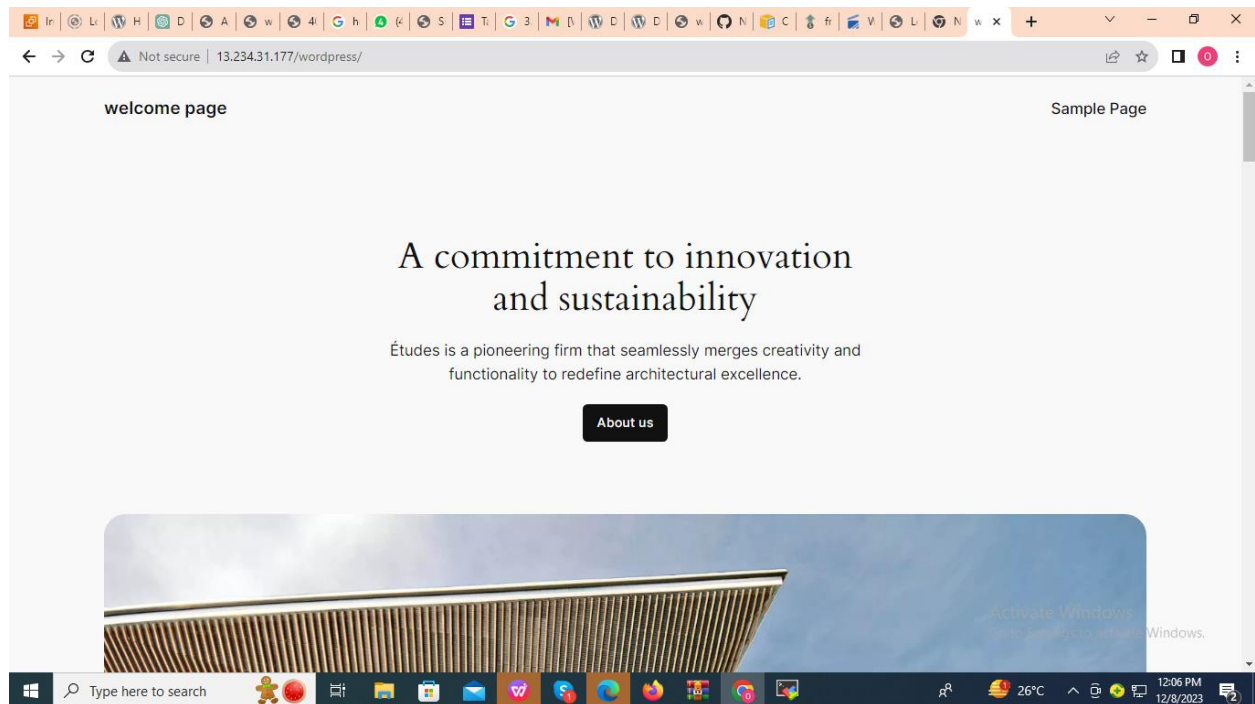14.command to change in to the word press directory

cd wordpress/

15.created a new file with wp-config.php and paste the text of php file here and save it.

nano wp-config.php

Now installed wordpress by giving site title:WELCOME PAGE,username,password,email here and click on install wordpress.it will take to wordpress login page.

Finally here by navigating browser ip address/wordpress it shows the wordpress website that is deployed.

THIS IS THE OUTPUT OF MONOLOTHIC ARCHITECHTURE OF MY WEBSITE WITH URL
http://13.234.31.177/wordpress/

THESE ARE THE STEPS I FOLLOWED TO DEPLOY WORDPRESS AND MYSQL IN MONOLOTHIC ARCHITECTURE.