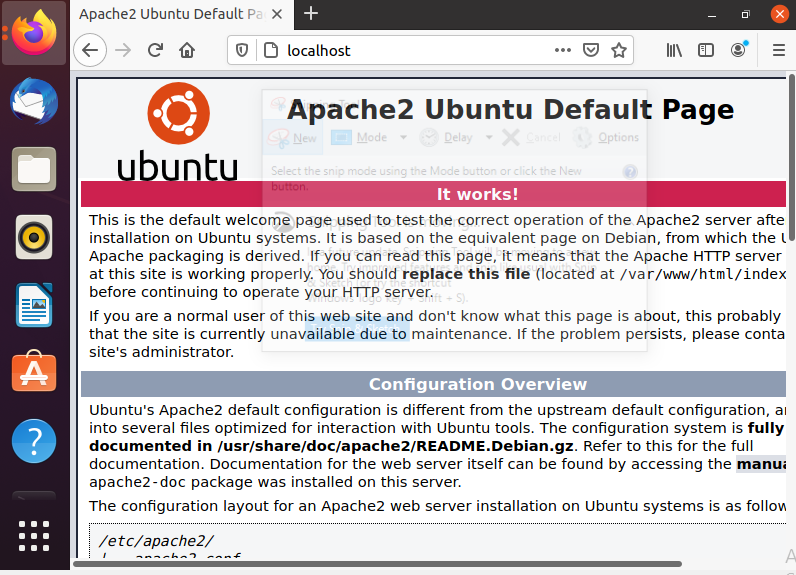
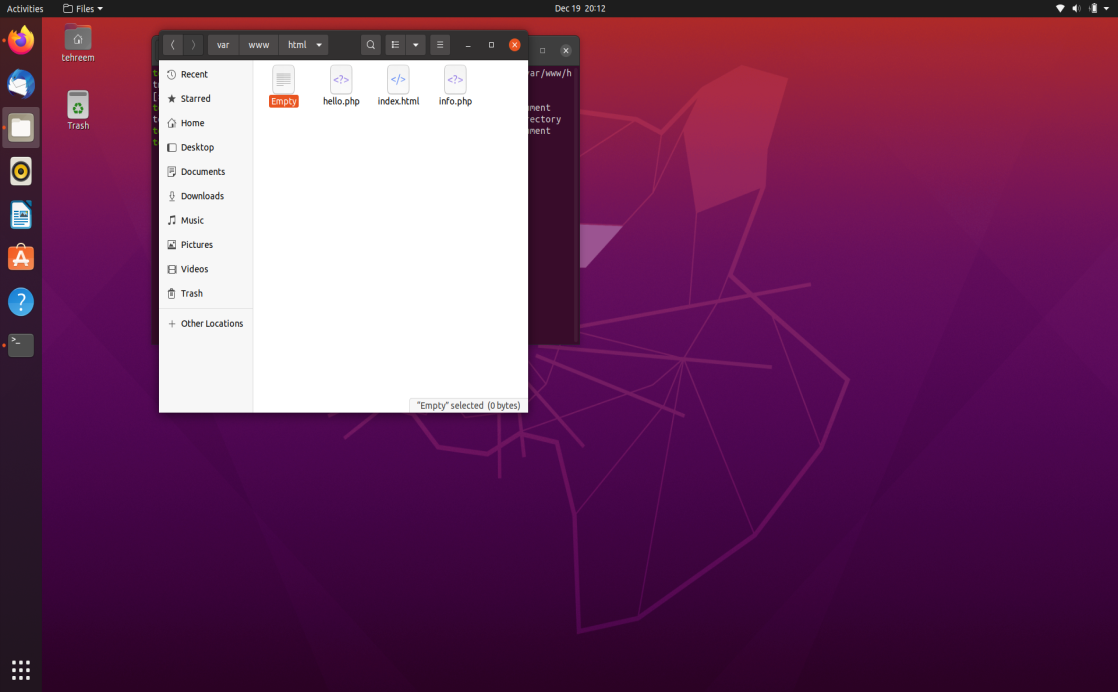
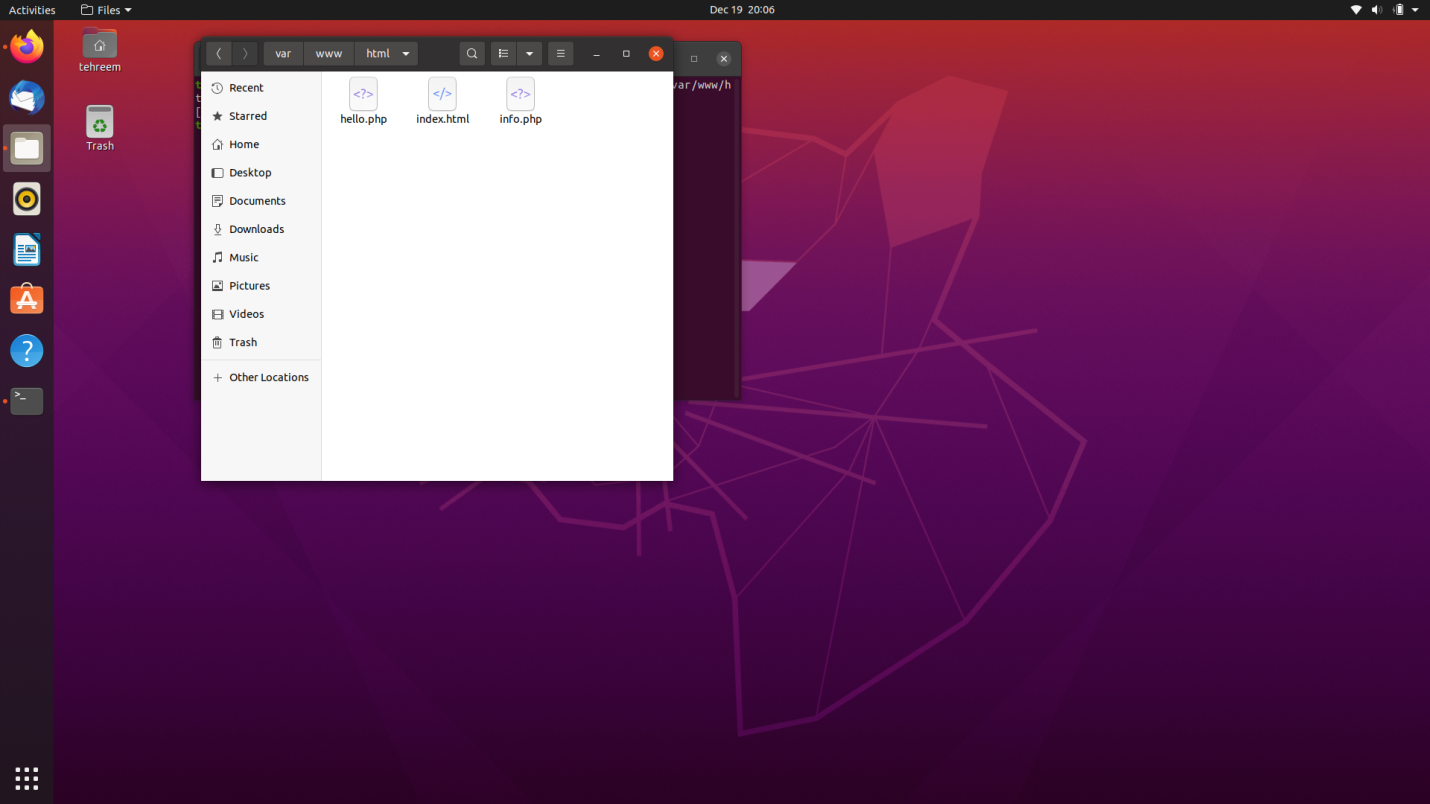
**Update apt tool either by**  
1) Software updater  
2) Through terminal  
 sudo apt update  
Enter your System root password  
 sudo apt upgrade  
Press Y to continue  
CHECK once again by entering following commands  
sudo apt update  
sudo apt upgrade  
sudo apt autoremove  
Press Y to continue  
Don’t forget to reset machine and verify again

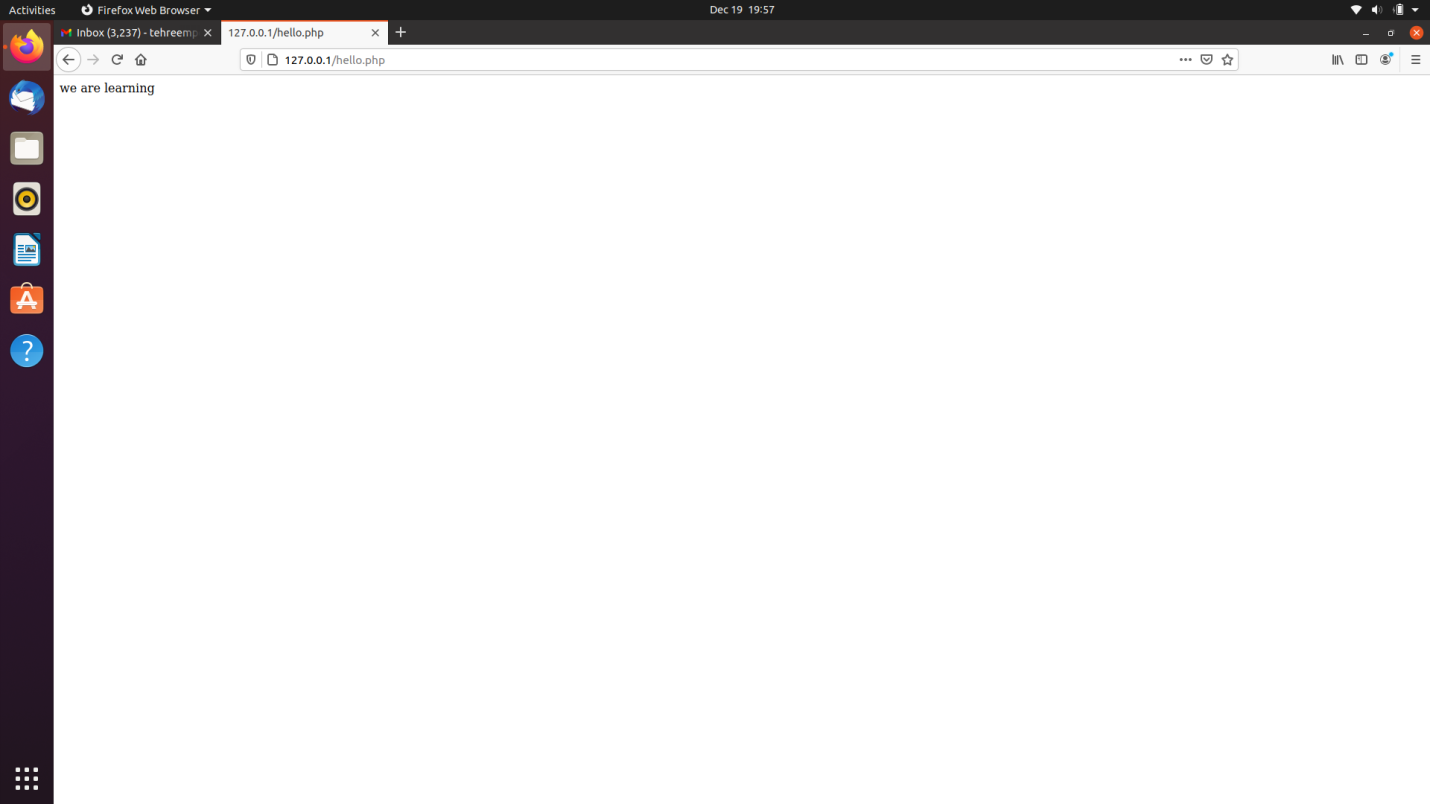
**Step -1..............  
 Install Apache Web** Server on ubuntu 20.04 LTS :  
 sudo apt install apache2 -y  
  
CHECK : Whether Apache web server is successfully installed or not  
So, goto browser and type anyone form following in address bar  
[http://localhost/](http://localhost/" \t "_blank)  
[http://127.0.0.1/](http://127.0.0.1/" \t "_blank)  
[http://your\_machine\_ip\_address/](http://your_machine_ip_address/" \t "_blank)

Enable firewall settings by following commands :  
sudo ufw status  
sudo ufw enable  
sudo ufw app list  
sudo ufw allow in "Apache Full" 

**Step - 2.............  
Install mysql-server on ubuntu 20.04 LTS :**  
 sudo apt install mysql-server  
press Y to continue  
CHECK : Login mysql with root user without password with sudo  
 sudo mysql  
  
create database db\_name;  
use db\_name;  
select database();  
exit

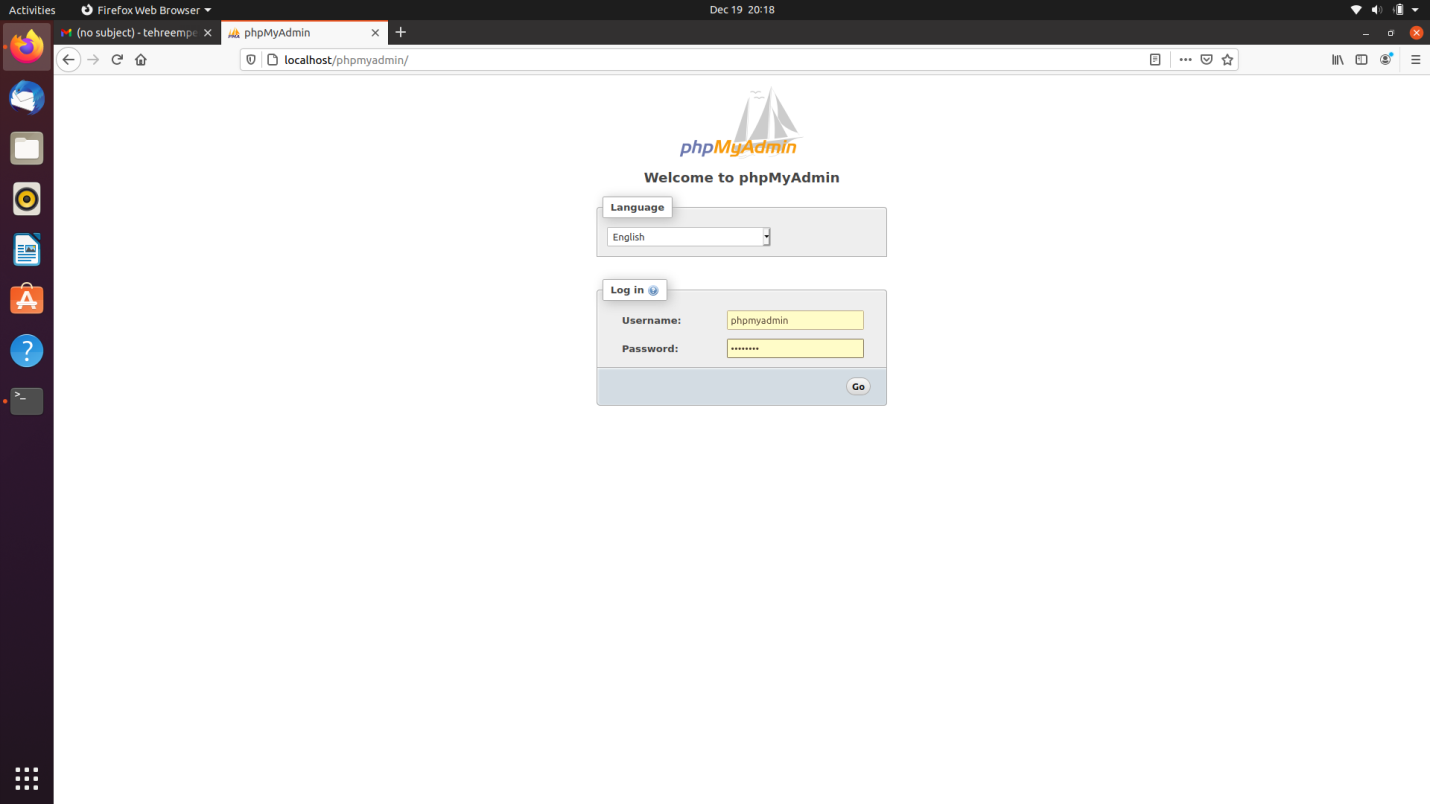
**Step - 3...............  
Install php and its required libraries:**  
 sudo apt install php php-mysql libapache2-mod-php    
Press Y to continue  
 php -v  
  
Create one sample php file in Apache Web server root directory  
 cd /var/www/html  
 sudo gedit file\_name.php  
  
Goto browser and run  
        [http://localhost/file\_name.php](http://localhost/file_name.php" \t "_blank)  
  
PERMISSION for apache root directory  
 sudo chown -R $USER:$USER /var/www/html  
  
To enable right click - new document  
 touch ~/Templates/Empty Document  
  
Create a php file without sudo through terminal using gedit  
 gedit file\_name.php  
  
Goto browser and run  
        <http://localhost/file_name.php>

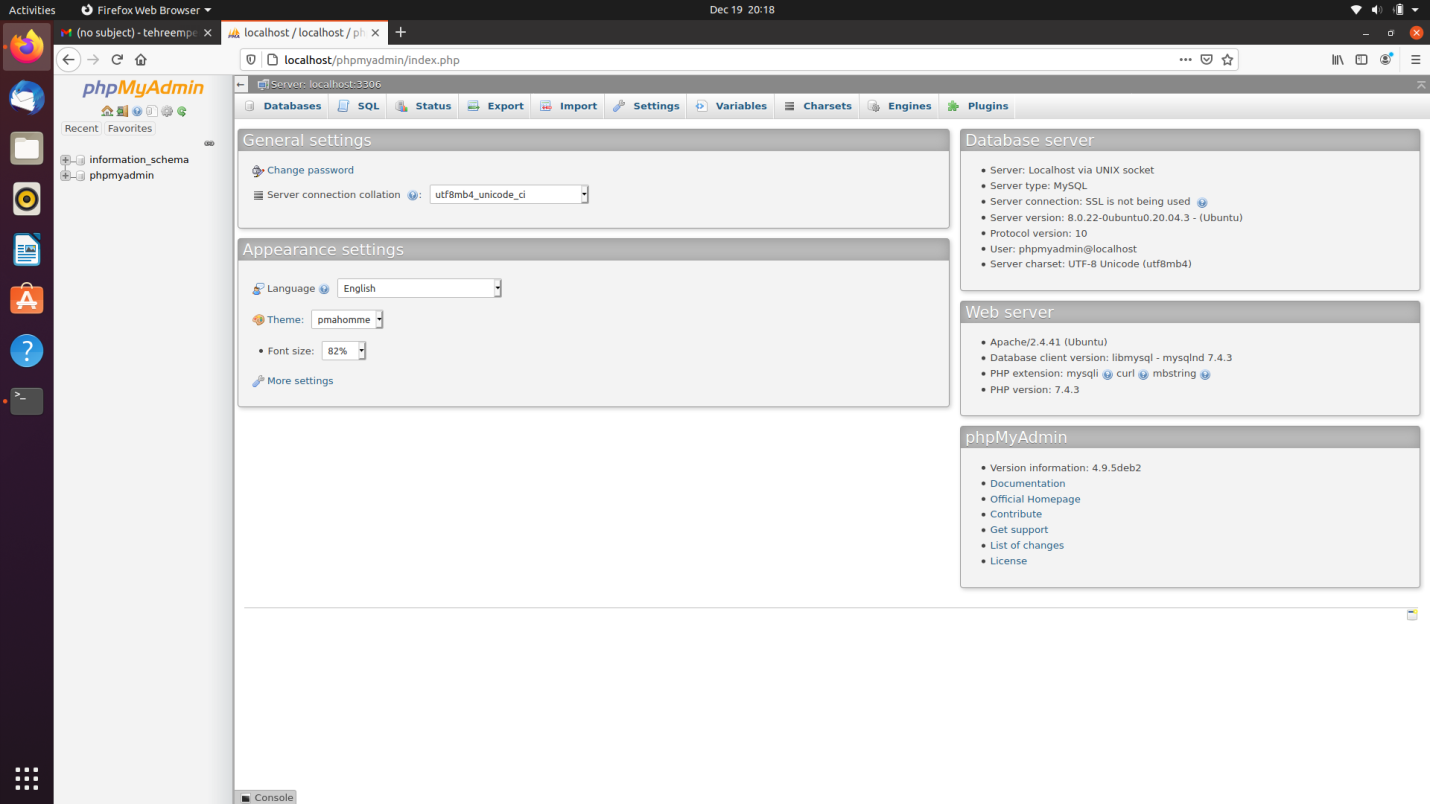
  



**Step - 4..............  
Install PHPMyAdmin**  
 sudo apt update  
 sudo apt install php-mbstring php-zip php-gd php-json php-curl  
Press Y to continue  
 sudo apt install phpmyadmin  
Press Y to continue  
Select Apache2 by pressing space and then press tab and OK  
Press Yes and set password for dummy user phpMyAdmin  
 sudo systemctl restart apache2  
  
CHECK : Whether phpMyAdmin is successfully installed or not  
So, goto browser and type    
        [http://localhost/phpmyadmin](http://localhost/phpmyadmin" \t "_blank)  
Default user name : phpMyAdmin  
And enter your password  
sudo apt update  
Set root password and create a new database user with full privileges  
 sudo mysql  
 SELECT user,authentication\_string,plugin,host FROM mysql.user;  
 ALTER USER ‘root’@‘localhost’ IDENTIFIED WITH caching\_sha2\_password BY ‘password’;  
 SELECT user,authentication\_string,plugin,host FROM mysql.user;  
 exit  
 sudo mysql -p  
Enter your password  
 CREATE USER ‘new\_user’@‘localhost’ IDENTIFIED WITH caching\_sha2\_password BY ‘password’;  
 GRANT ALL PRIVILEGES ON \*.\* TO ‘new\_user’@‘localhost’ WITH GRANT OPTION;  
 exit







FOR VISUAL CODE ...........  
Goto browser and download VS CODE and insatll graphically

