**Assessment 24– Setting up PHP**

**Application**

**Trainee Name : Gargi Sharma**

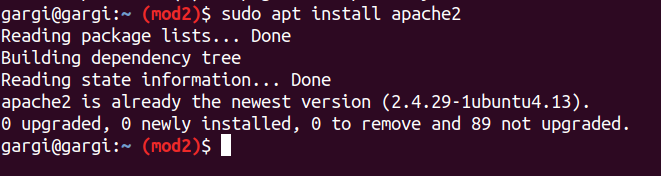
**Mentor Name : Mr. Akansh Gupta**

**College Name : UPES**

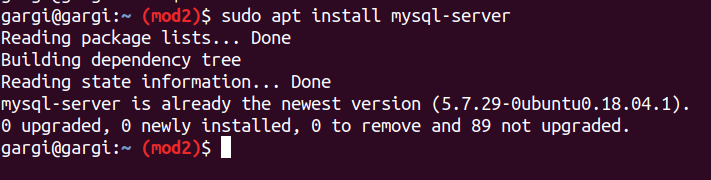
1. **Setup Wordpress with Apache + php fpm.**

Install LAMP stack on local. Wordpress requires LAMP stack to be installed.

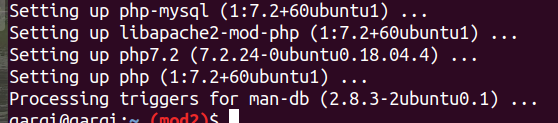
Apache2:



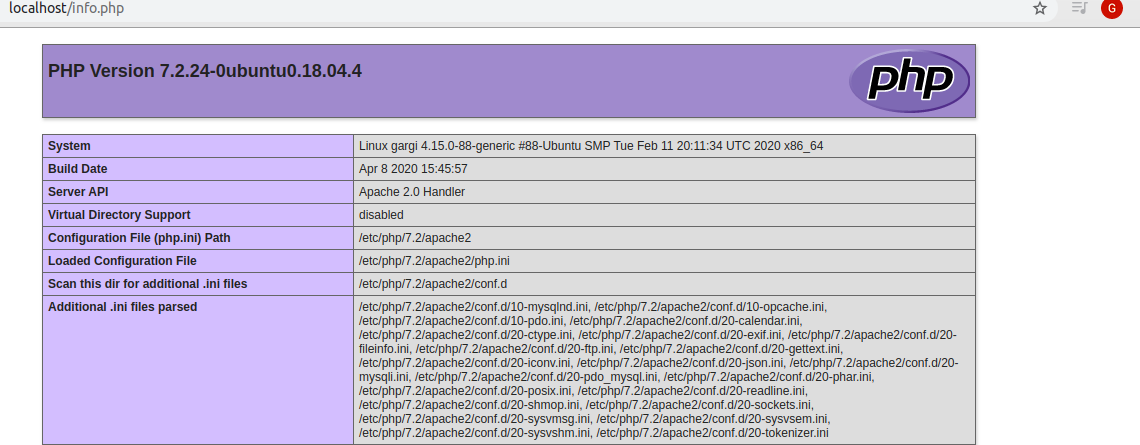
Mysql server:



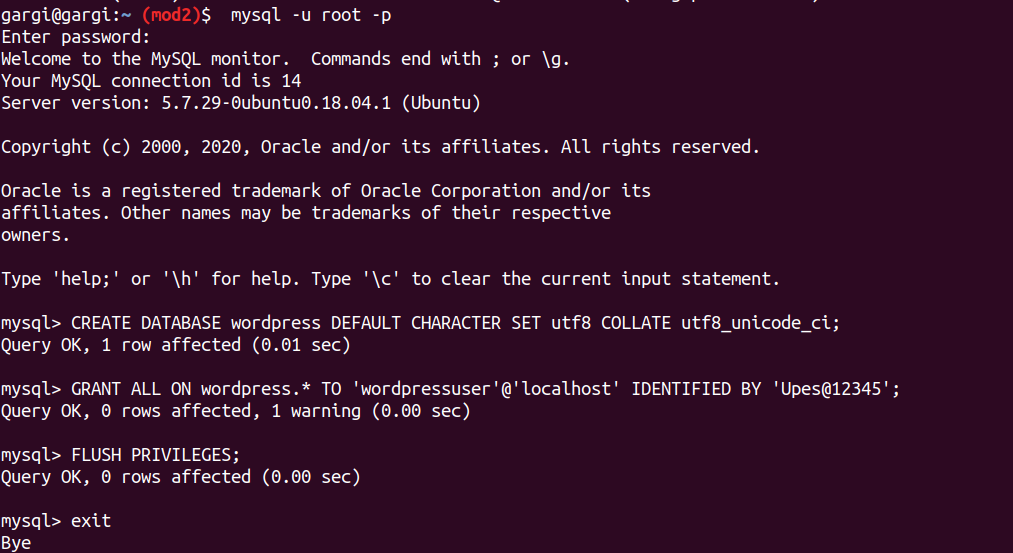
PHP:



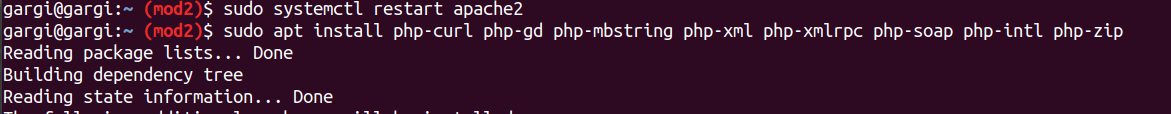
Check if apache is rendering .php:



Create a mysql database and user for wordpress:

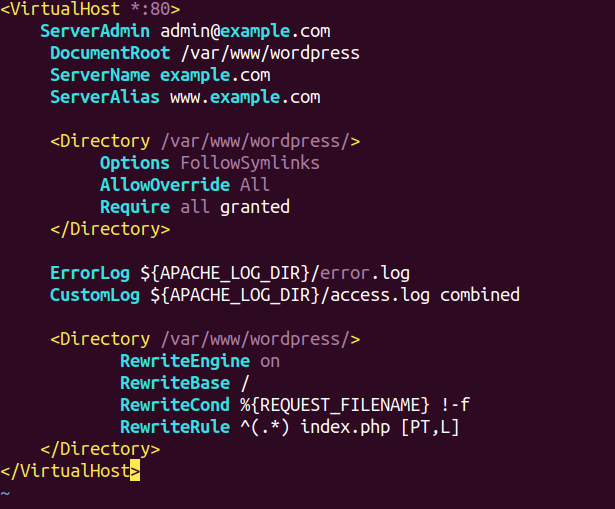


Installing additional php extentions:



## Adjusting Apache’s Configuration to Allow for .htaccess Overrides and Rewrites:

Edit wordpress.conf



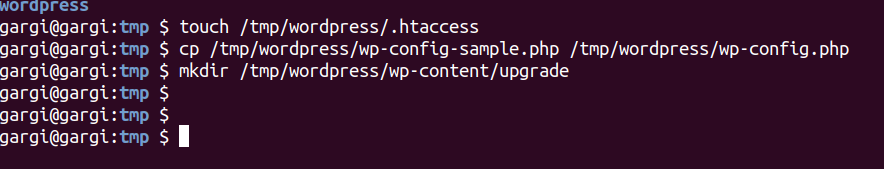
Also create a document root -> /var/www/wordpress

Restart apache2.

Downloading Wordpress:

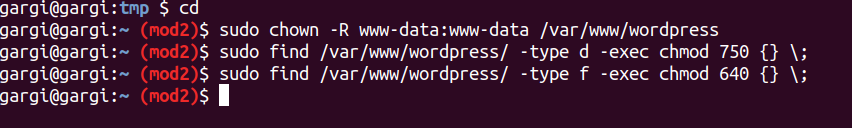
cd /tmp

*curl -O https://wordpress.org/latest.tar.gz*



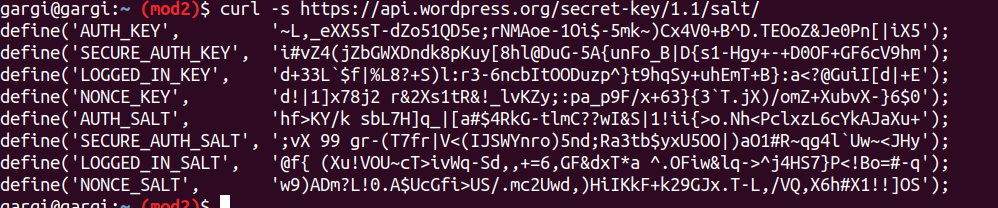
Configuring the wordpress directory:

Update ownership and file permissions:

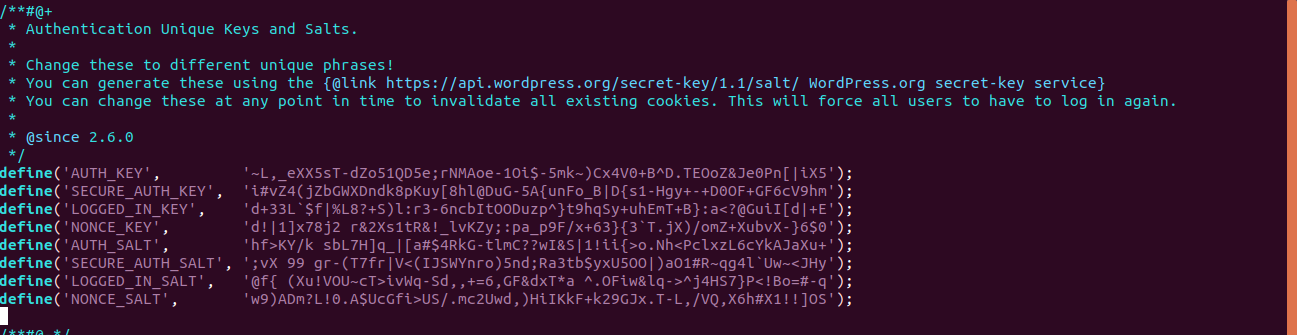


Setting up wp-config.php file:

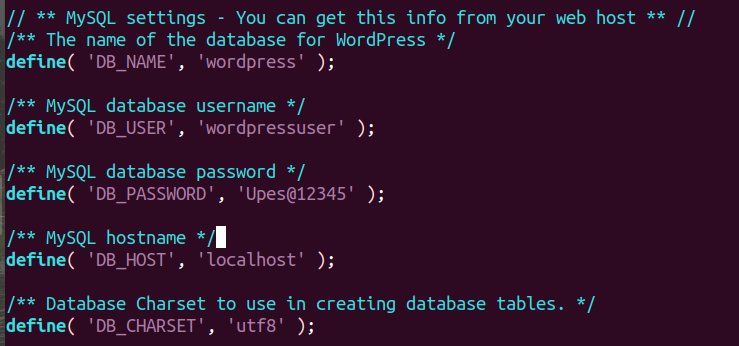
Generate secure values :



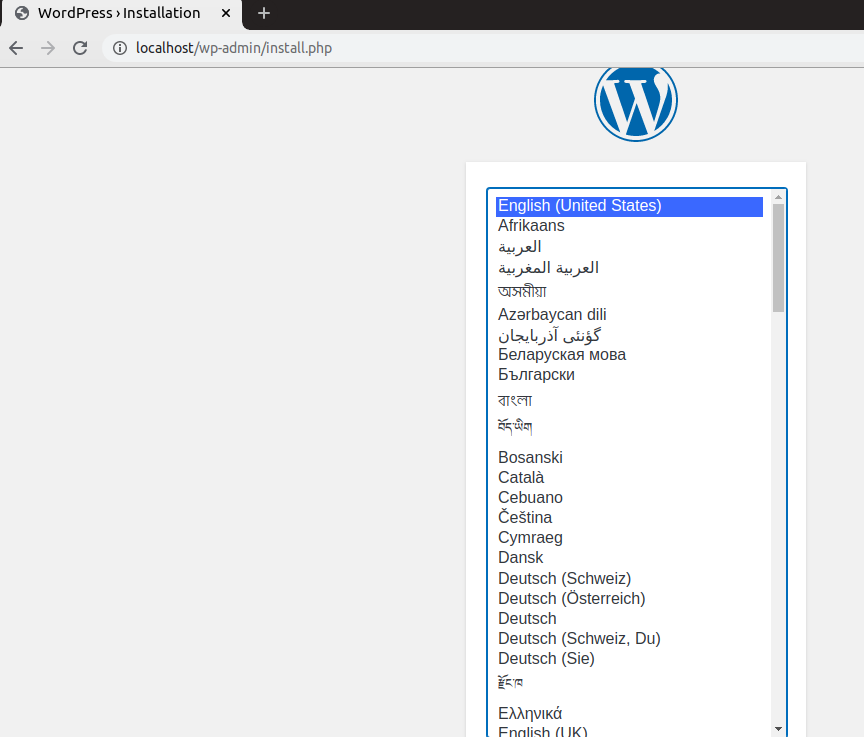
Open the wordpress.php file and paste the secure values generated through previous command:



Modify some of the database connection settings:

Edit wp-config.php:

Now save and exit. Then restart apache2. Browse localhost.



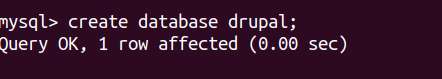
1. **Setup Drupal with Nginx and Perform FPM Configuration**

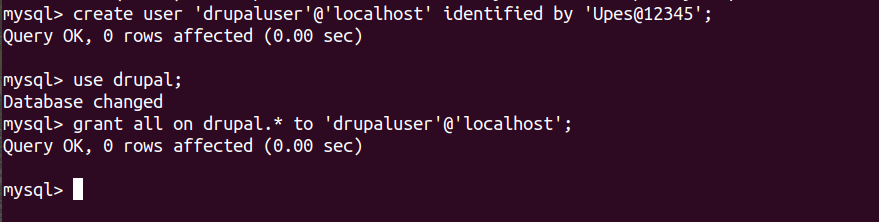
**STEP 1:** Install Nginx

Install PHP-5.3.29 with PHP-FPM

Install MySQL

**Step-2:**To create a database named "drupal" that is accessible by user "drupaluser" with password .

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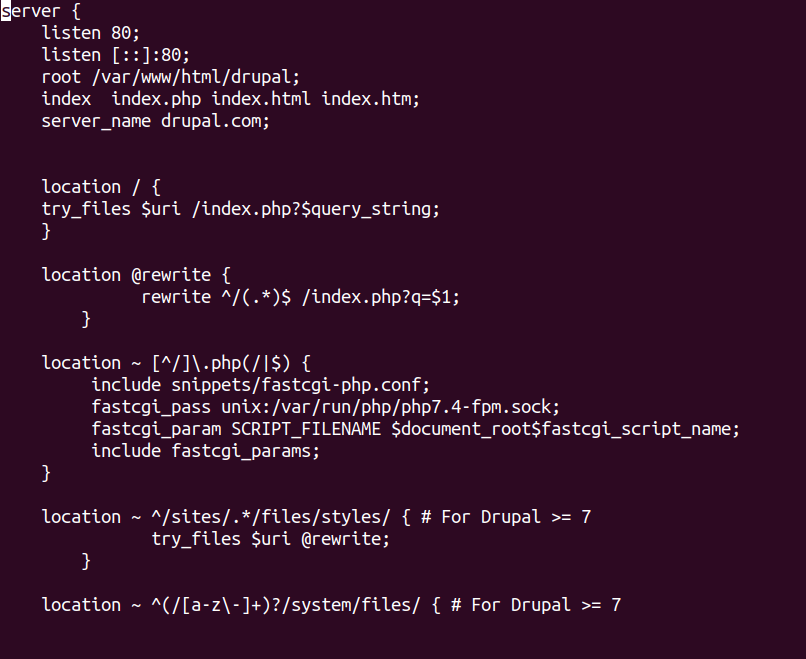
**STEP 3:** Install and configure Drupal



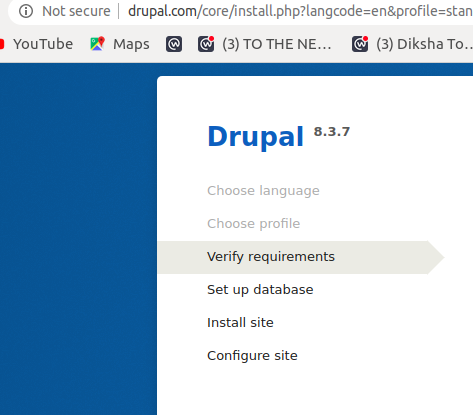




Configure nginx:



**Step4: Check on browser**

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