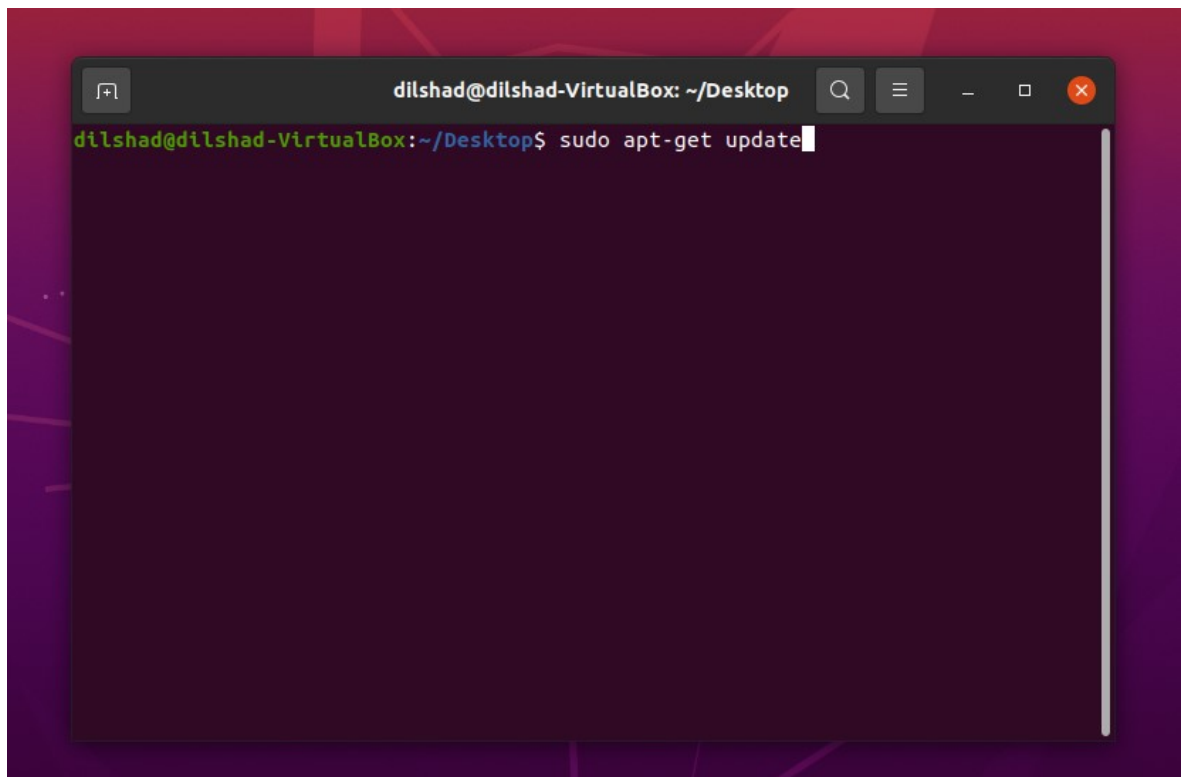


EXPERIMENT -3

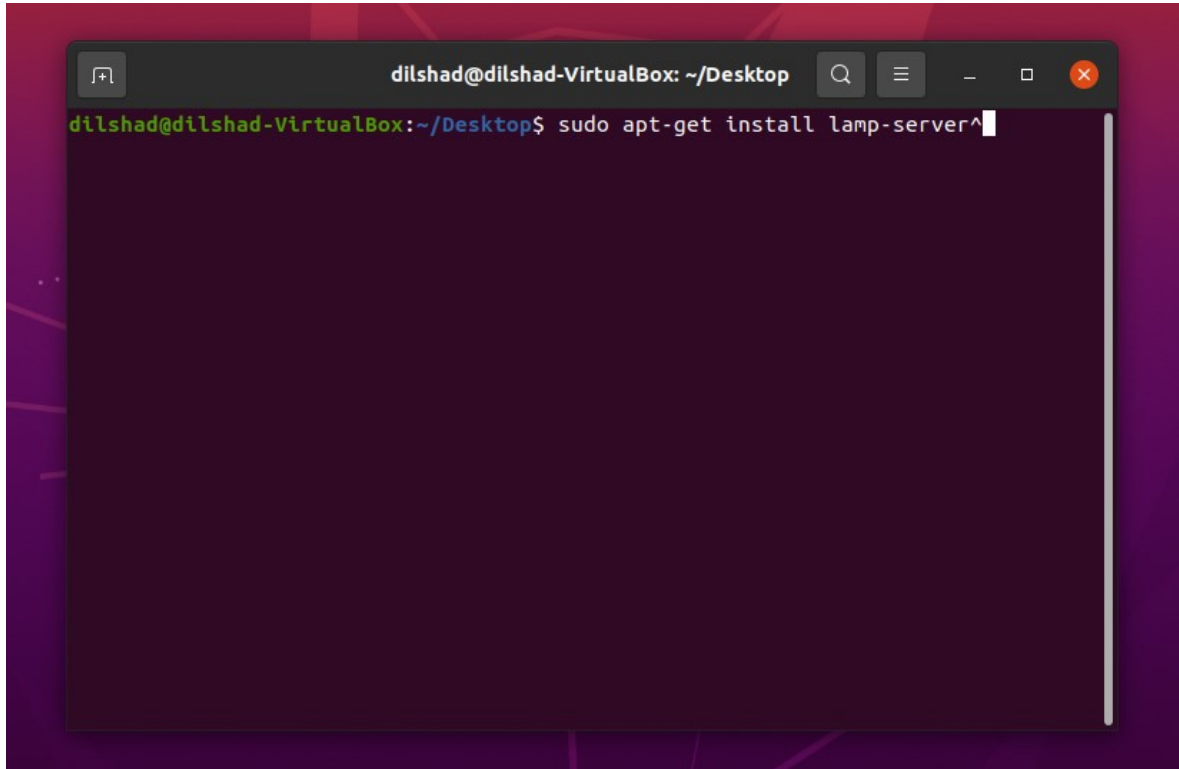
Aim : Installation and configuration of LAMP stack. Deploy an open source application such as phpmyadmin and Wordpress.

Step 1 :- get the latest updation.

A screenshot of a terminal window titled 'dilshad@dilshad-VirtualBox: ~/Desktop'. The window has a dark theme with a purple and red background. The prompt 'dilshad@dilshad-VirtualBox:~/Desktop\$' is visible, followed by the command 'sudo apt-get update' which is currently being typed, with a cursor at the end of the line. The terminal window includes standard window controls (minimize, maximize, close) and a search icon in the title bar.

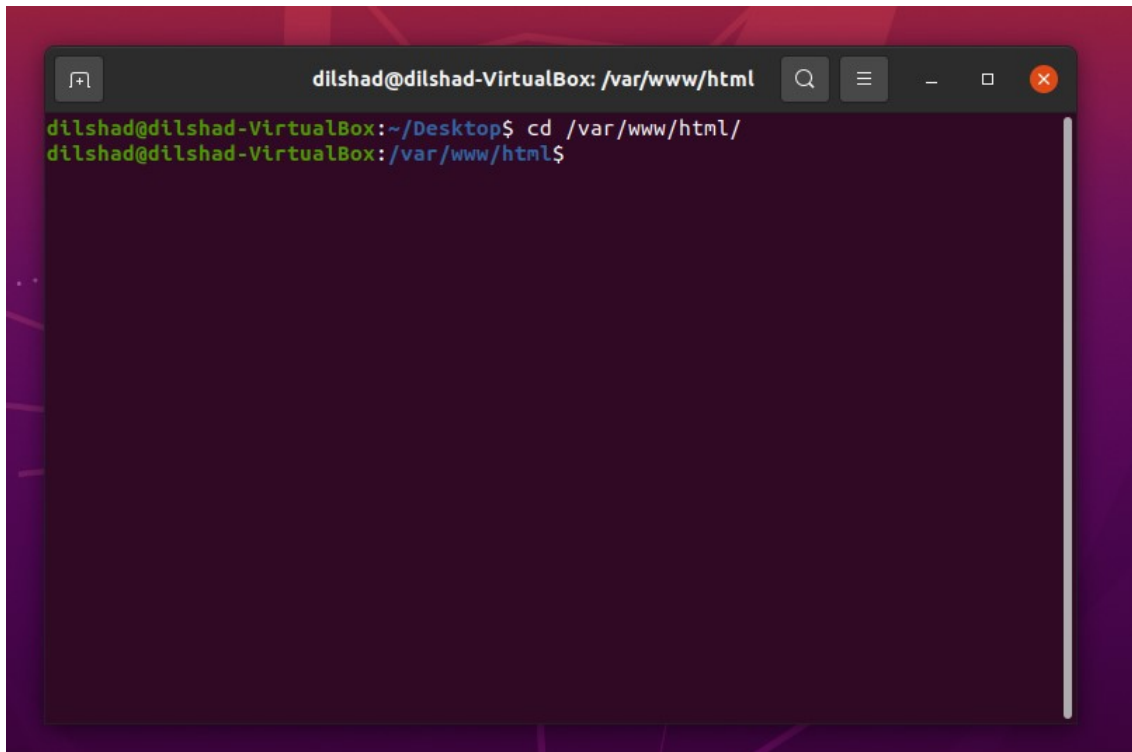
```
dilshad@dilshad-VirtualBox: ~/Desktop
dilshad@dilshad-VirtualBox:~/Desktop$ sudo apt-get update
```

Step 2 :- install lamp server.

A terminal window titled 'dilshad@dilshad-VirtualBox: ~/Desktop' with search, menu, and window control icons. The prompt is 'dilshad@dilshad-VirtualBox:~/Desktop\$' and the command 'sudo apt-get install lamp-server^' is entered.

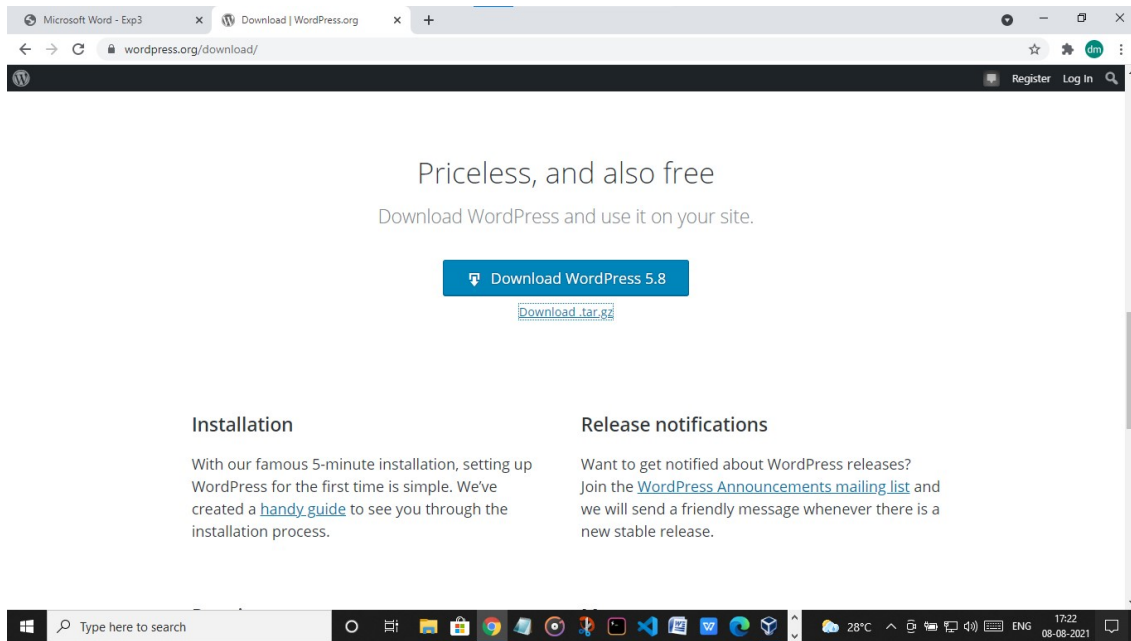
```
dilshad@dilshad-VirtualBox: ~/Desktop
dilshad@dilshad-VirtualBox:~/Desktop$ sudo apt-get install lamp-server^
```

Step 3 :- change directory to root of apache.

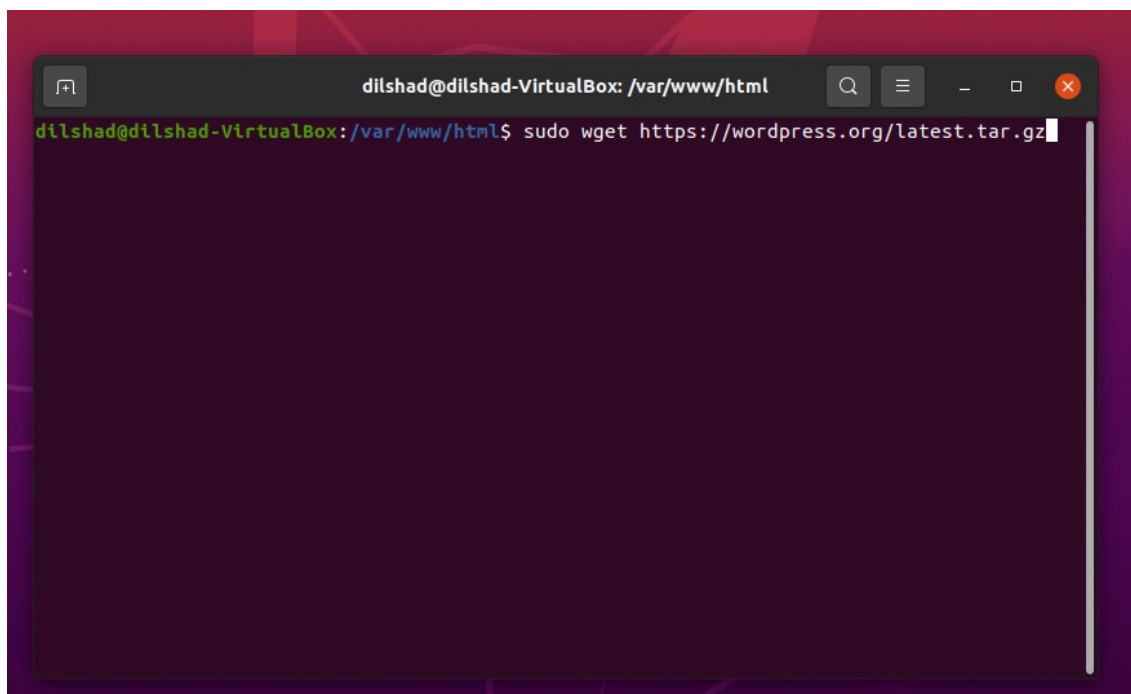
A terminal window titled 'dilshad@dilshad-VirtualBox: /var/www/html' with search, menu, and window control icons. The prompt is 'dilshad@dilshad-VirtualBox:~/Desktop\$' and the command 'cd /var/www/html/' is entered. The next line shows the prompt has changed to 'dilshad@dilshad-VirtualBox:/var/www/html\$'.

```
dilshad@dilshad-VirtualBox: /var/www/html
dilshad@dilshad-VirtualBox:~/Desktop$ cd /var/www/html/
dilshad@dilshad-VirtualBox:/var/www/html$
```

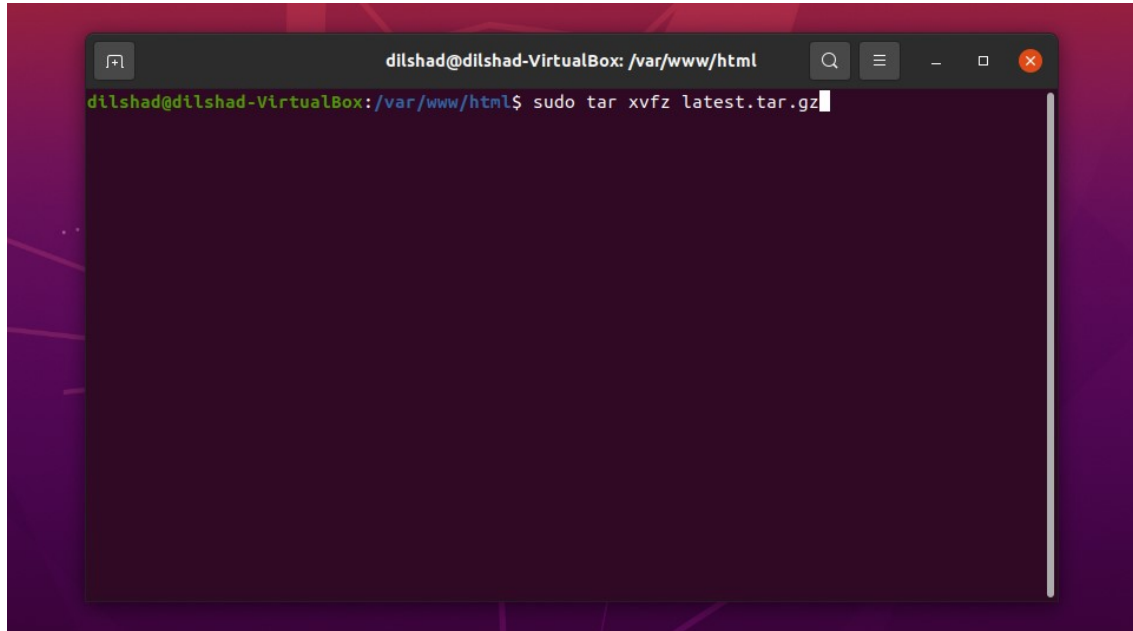
Step 4 :- copy download address of wordpress from wordpress.org



Step 5 :- download wordpress from terminal by pasting the copied address.

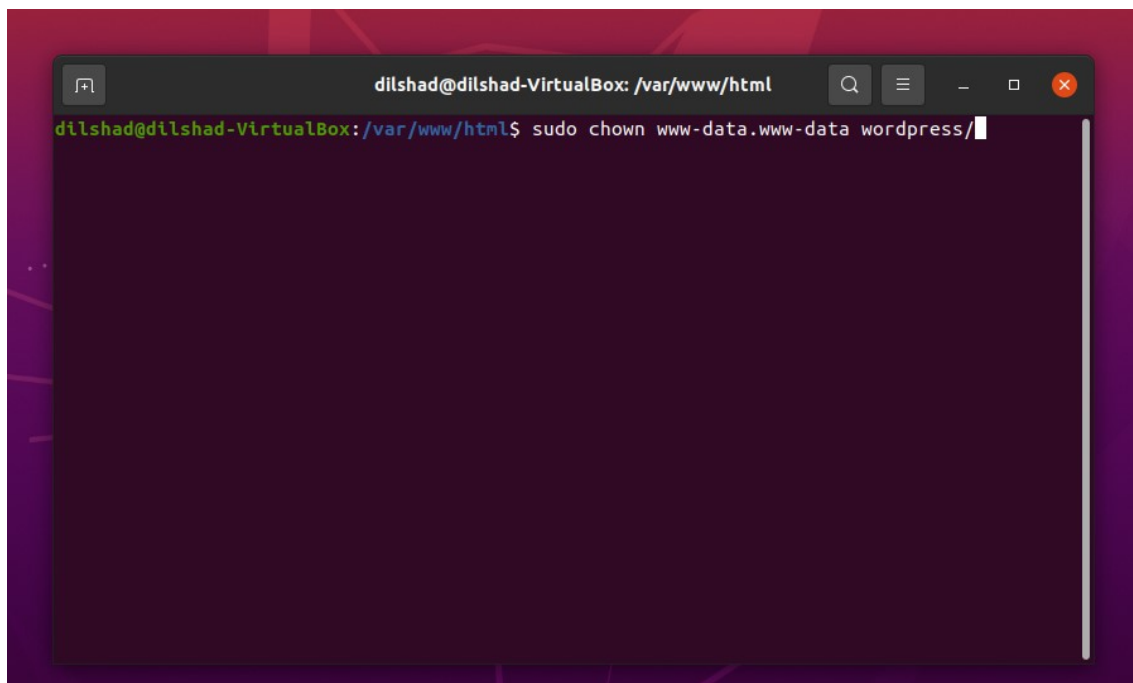


Step 6 :- unzip downloaded file.

A terminal window titled 'dilshad@dilshad-VirtualBox: /var/www/html' with search, menu, and window control icons. The prompt is 'dilshad@dilshad-VirtualBox:/var/www/html\$' and the command 'sudo tar xvfz latest.tar.gz' is entered, followed by a cursor.

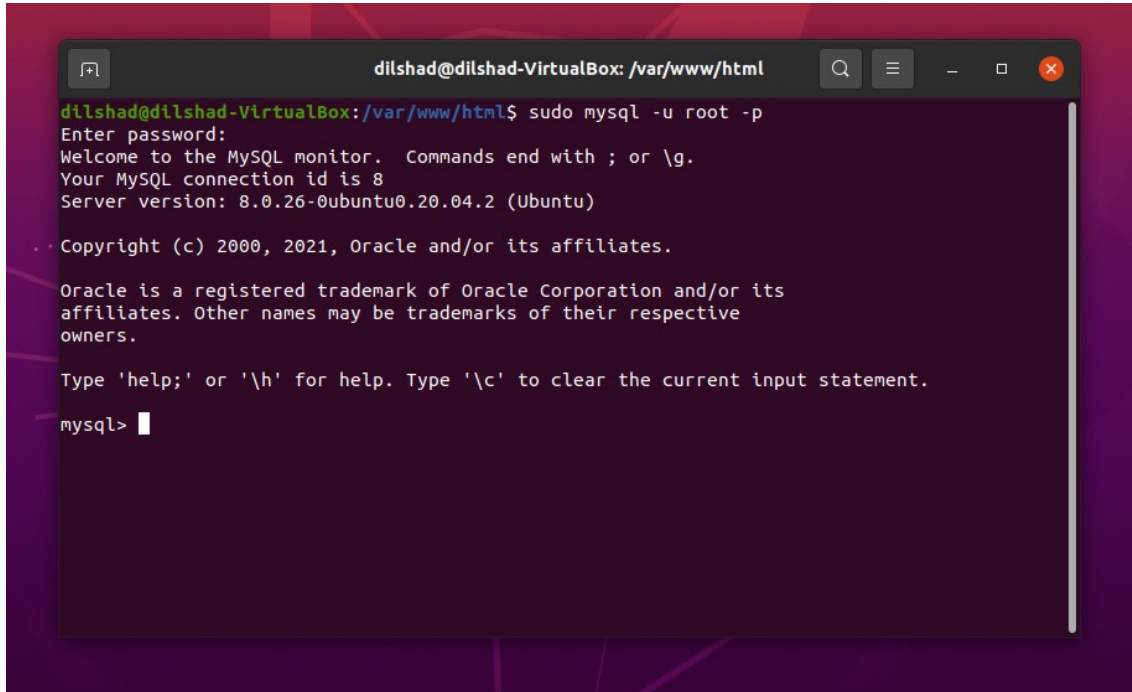
```
dilshad@dilshad-VirtualBox: /var/www/html
dilshad@dilshad-VirtualBox:/var/www/html$ sudo tar xvfz latest.tar.gz
```

Step 7 :- change ownership of wordpress file.

A terminal window titled 'dilshad@dilshad-VirtualBox: /var/www/html' with search, menu, and window control icons. The prompt is 'dilshad@dilshad-VirtualBox:/var/www/html\$' and the command 'sudo chown www-data:www-data wordpress/' is entered, followed by a cursor.

```
dilshad@dilshad-VirtualBox: /var/www/html
dilshad@dilshad-VirtualBox:/var/www/html$ sudo chown www-data:www-data wordpress/
```

Step 8 :- open mysql in terminal.



A terminal window titled 'dilshad@dilshad-VirtualBox: /var/www/html' showing the process of opening MySQL. The user runs 'sudo mysql -u root -p', enters a password, and is welcomed to the MySQL monitor. The terminal displays the MySQL version (8.0.26-0ubuntu0.20.04.2) and copyright information. The prompt 'mysql>' is shown at the bottom.

```
dilshad@dilshad-VirtualBox: /var/www/html$ sudo mysql -u root -p
Enter password:
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 8
Server version: 8.0.26-0ubuntu0.20.04.2 (Ubuntu)

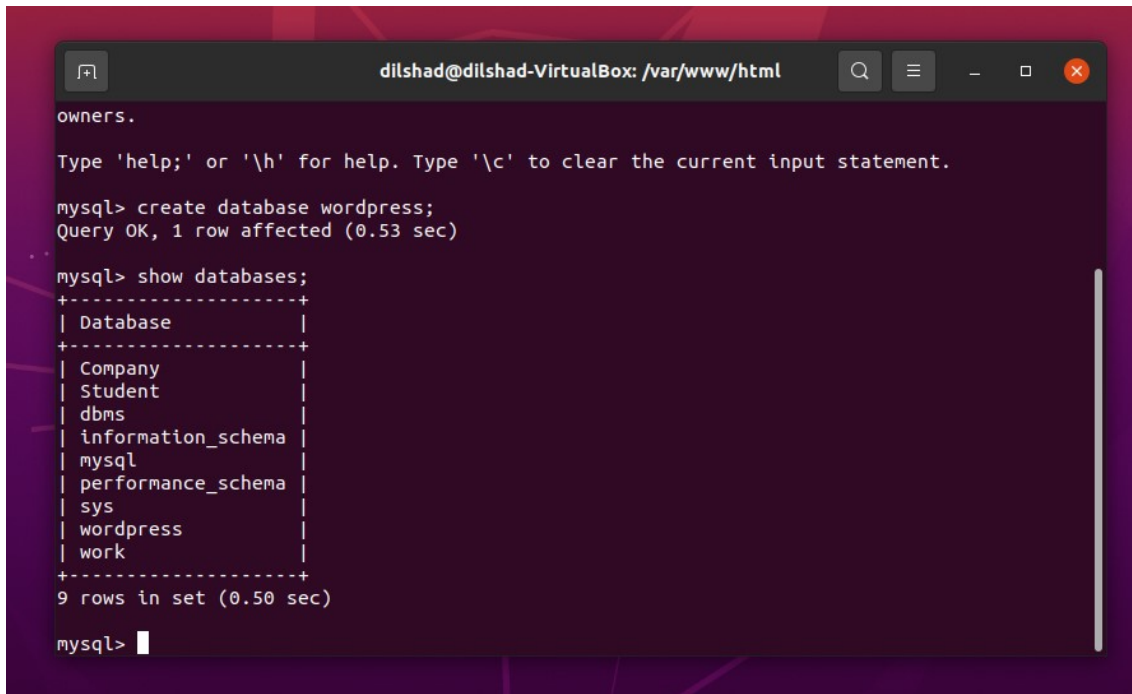
Copyright (c) 2000, 2021, Oracle and/or its affiliates.

Oracle is a registered trademark of Oracle Corporation and/or its
affiliates. Other names may be trademarks of their respective
owners.

Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

mysql>
```

Step 9 :- create a database named wordpress.



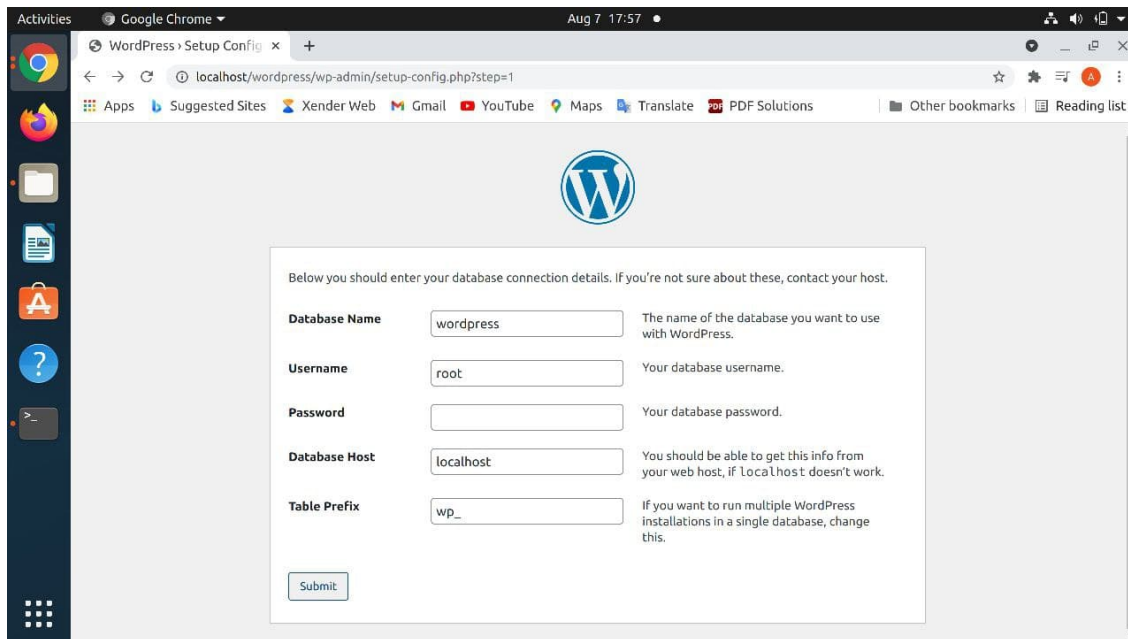
A terminal window titled 'dilshad@dilshad-VirtualBox: /var/www/html' showing the creation of a database named 'wordpress'. The user runs 'create database wordpress;', and the terminal confirms 'Query OK, 1 row affected (0.53 sec)'. Then, the user runs 'show databases;', and the terminal displays a list of databases including 'wordpress'. The prompt 'mysql>' is shown at the bottom.

```
mysql> create database wordpress;
Query OK, 1 row affected (0.53 sec)

mysql> show databases;
+-----+
| Database |
+-----+
| Company  |
| Student  |
| dbms     |
| information_schema |
| mysql     |
| performance_schema |
| sys      |
| wordpress |
| work     |
+-----+
9 rows in set (0.50 sec)

mysql>
```

Step 10 :- open browser and localhost to wordpress .

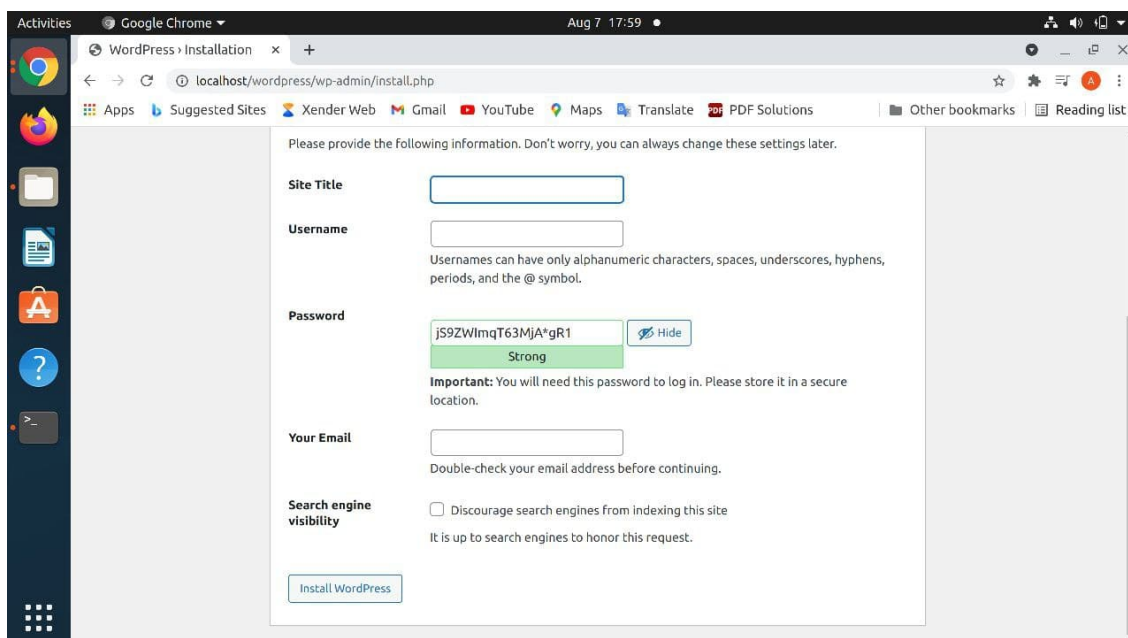


The screenshot shows a Google Chrome browser window with the address bar displaying 'localhost/wordpress/wp-admin/setup-config.php?step=1'. The page features the WordPress logo at the top center. Below the logo, a text prompt reads: 'Below you should enter your database connection details. If you're not sure about these, contact your host.' The form contains five input fields with labels and explanatory text to their right:

- Database Name:** 'wordpress' (Text: 'The name of the database you want to use with WordPress.')
- Username:** 'root' (Text: 'Your database username.')
- Password:** (empty) (Text: 'Your database password.')
- Database Host:** 'localhost' (Text: 'You should be able to get this info from your web host, if localhost doesn't work.')
- Table Prefix:** 'wp_' (Text: 'If you want to run multiple WordPress installations in a single database, change this.')

A 'Submit' button is located at the bottom left of the form area.

Step 11 :-

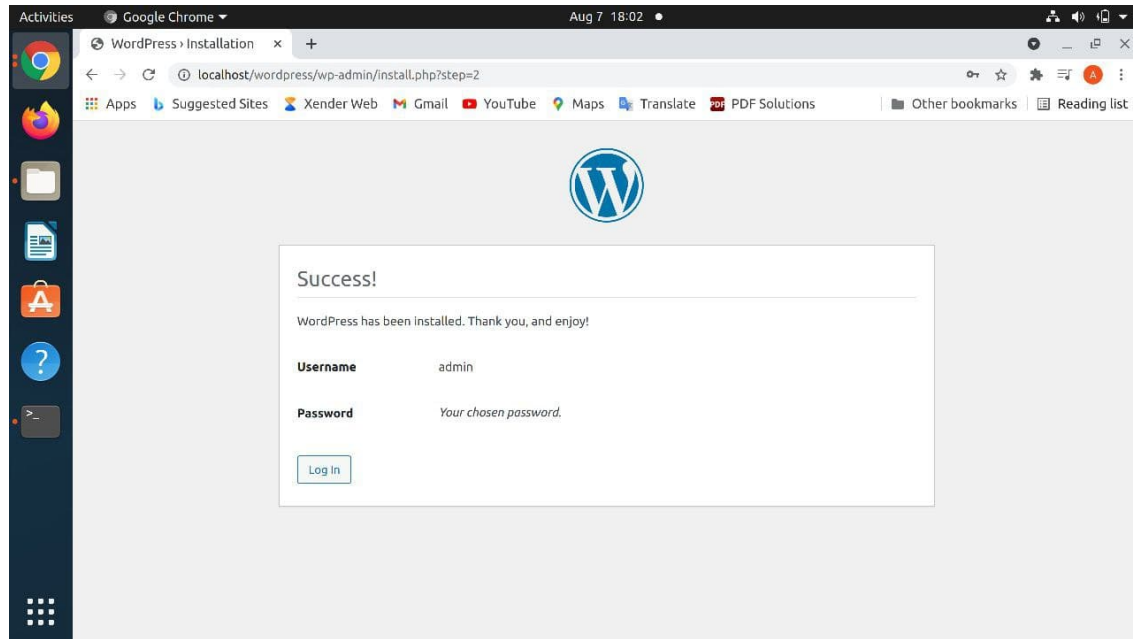


The screenshot shows a Google Chrome browser window with the address bar displaying 'localhost/wordpress/wp-admin/install.php'. The page prompts the user to provide information, stating: 'Please provide the following information. Don't worry, you can always change these settings later.' The form includes the following fields and options:

- Site Title:** (empty text input)
- Username:** (empty text input, with a note: 'Usernames can have only alphanumeric characters, spaces, underscores, hyphens, periods, and the @ symbol.')
- Password:** A text input containing 'jS9ZWlmqT63MjA*gR1', a 'Hide' button, and a green strength indicator showing 'Strong'. Below this is an important note: 'Important: You will need this password to log in. Please store it in a secure location.'
- Your Email:** (empty text input, with a note: 'Double-check your email address before continuing.')
- Search engine visibility:** A checkbox labeled 'Discourage search engines from indexing this site' which is currently unchecked. A note below reads: 'It is up to search engines to honor this request.'

An 'Install WordPress' button is located at the bottom left of the form area.

Step 12:-



Step 13 :- now login to start word press.

