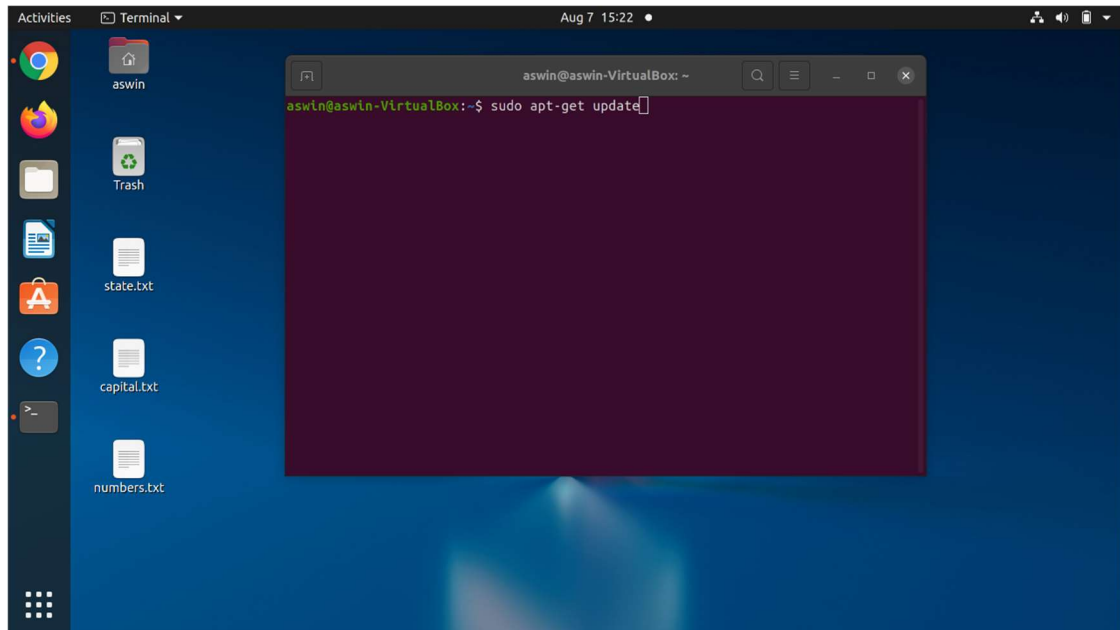


EXPIRIMENT-5:

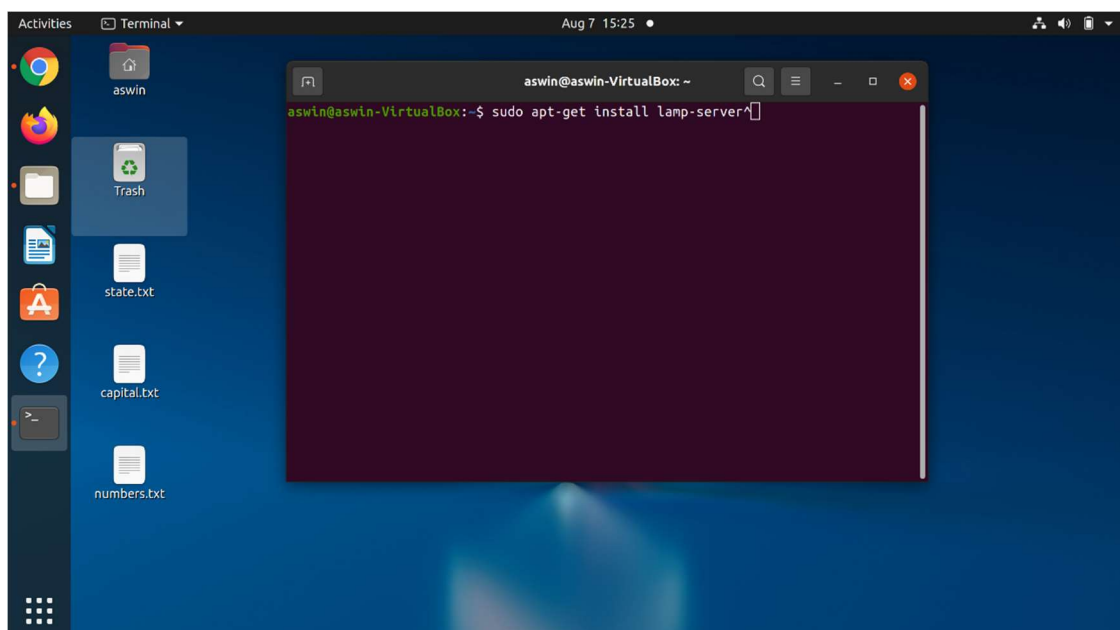
Aim: Installation and configuration of LAMP stack. Deploy an open source application such as phpmyadmin and Wordpress.

Solution :-

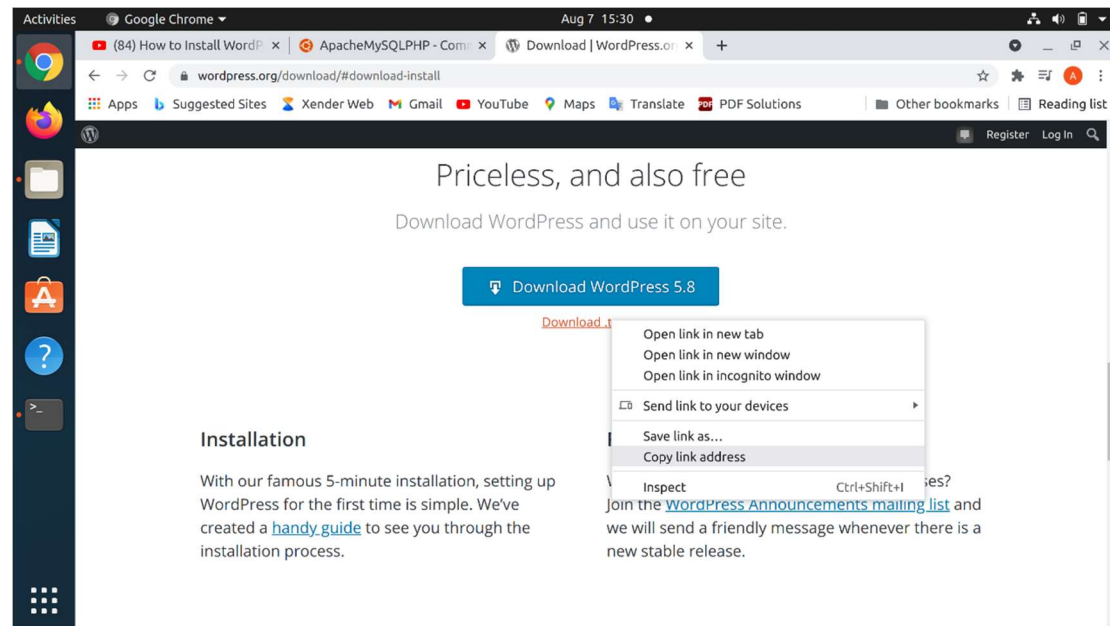
1. First refresh your package index.



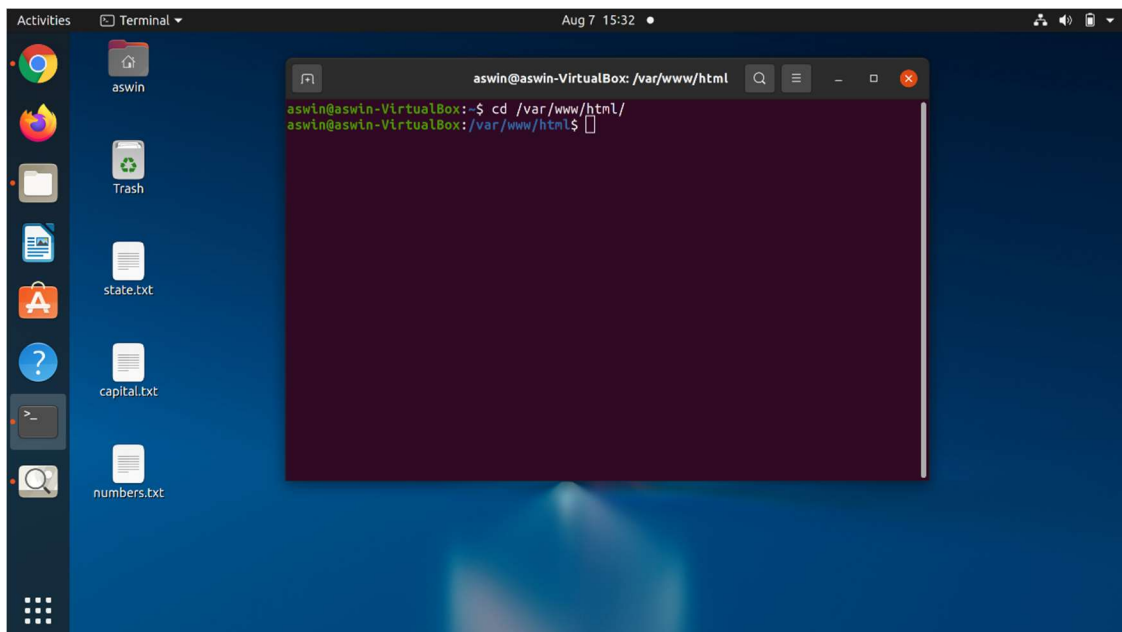
2. Then install the LAMP stack.



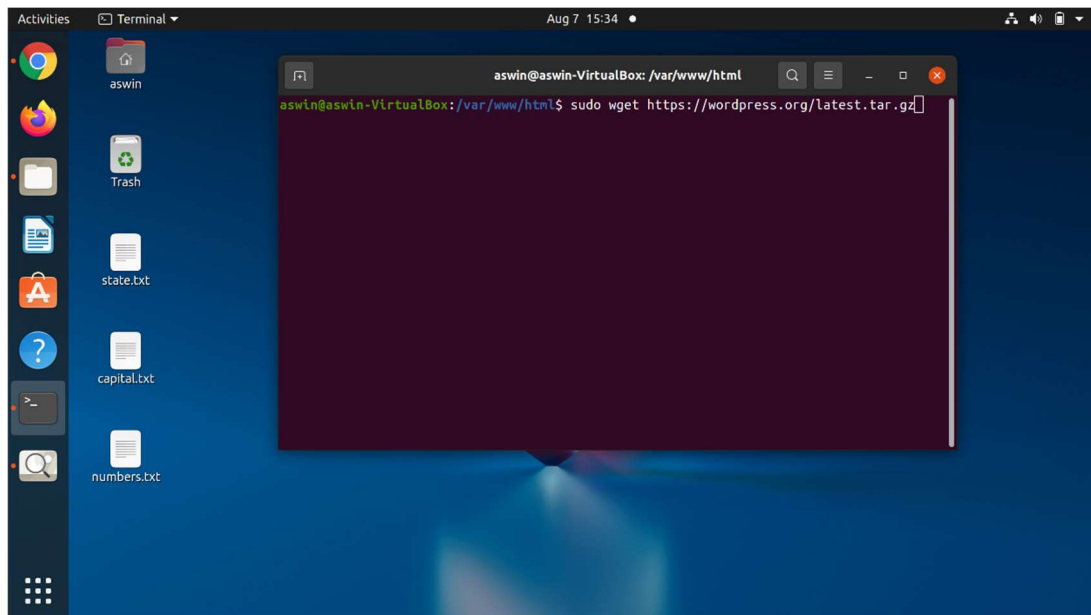
3. Copy link address of WordPress.



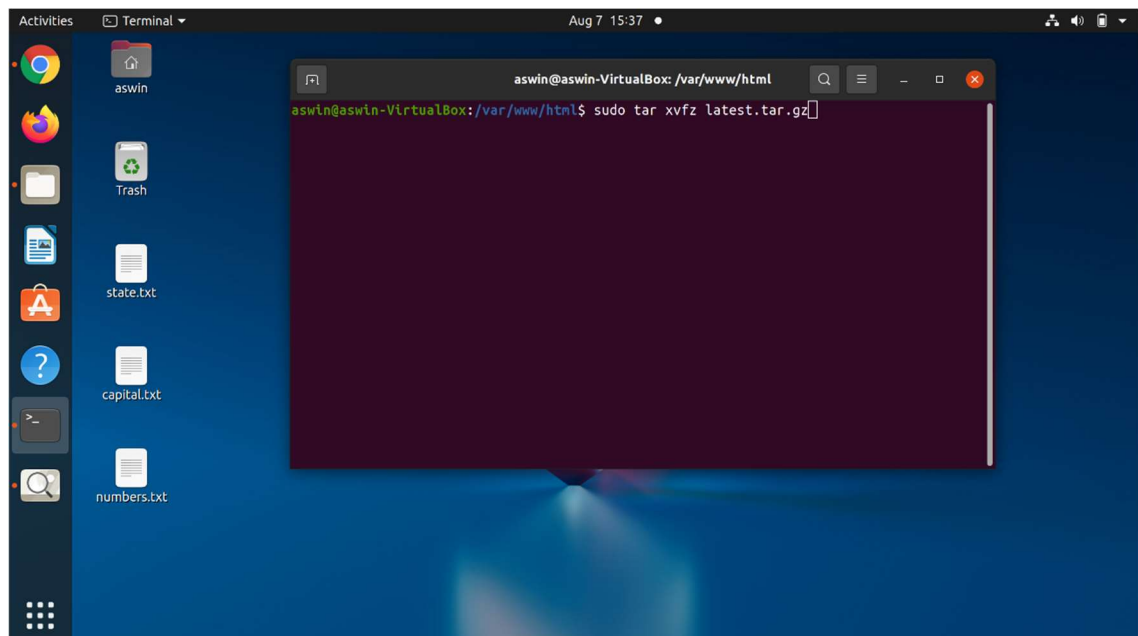
4. Change the directory to root directory of Apache.



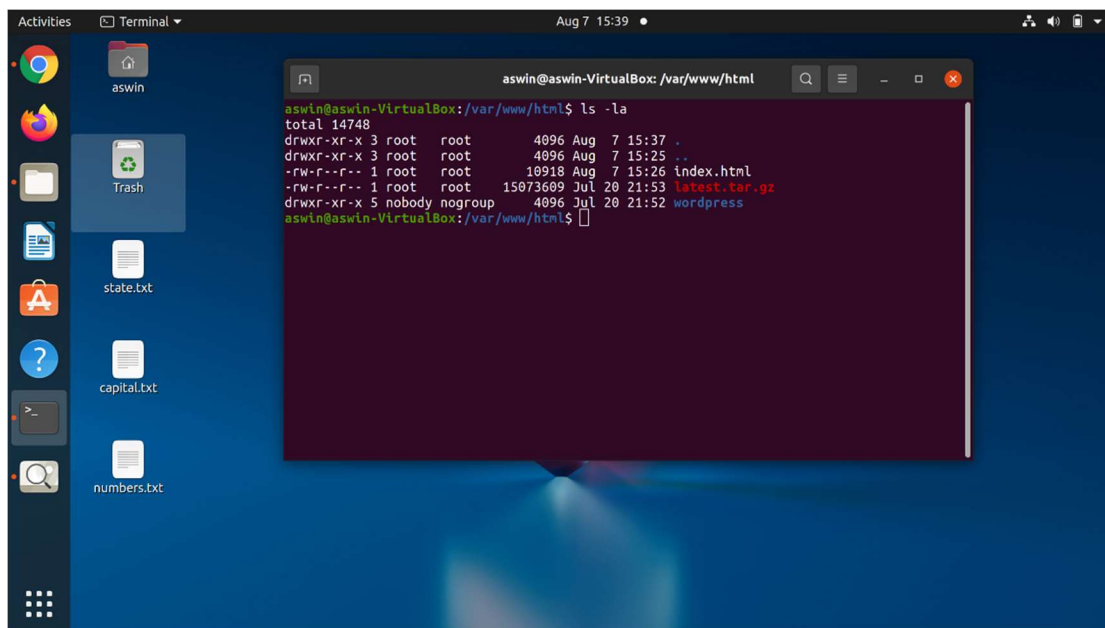
5. Download WordPress.



6. Unzip the latest.tar.gz file.

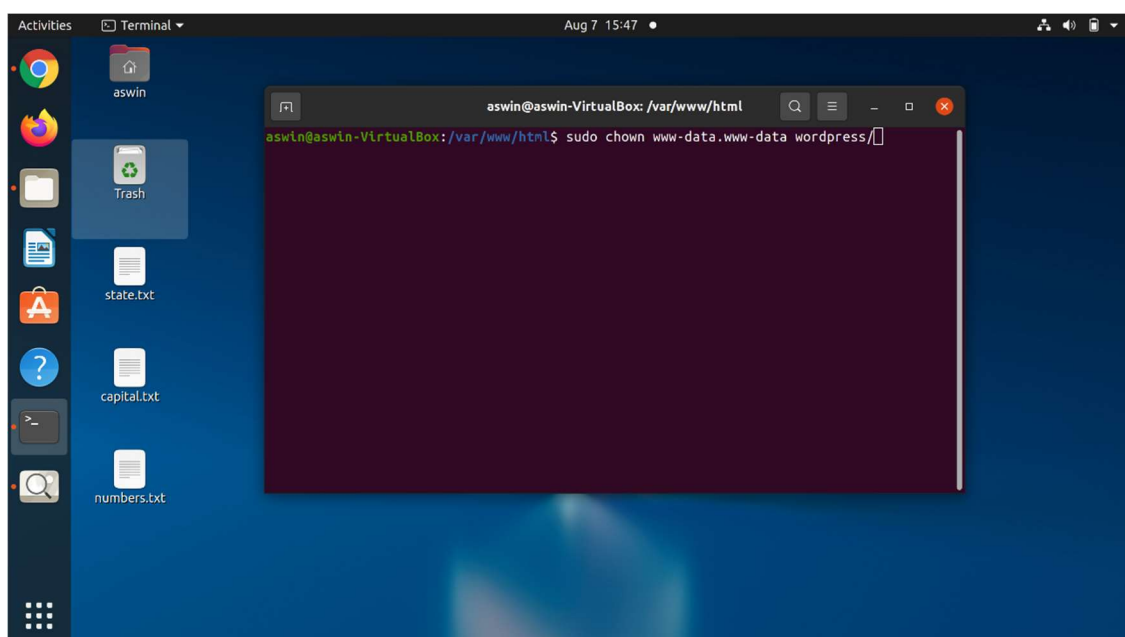


7. Check the rights on the current directory files.



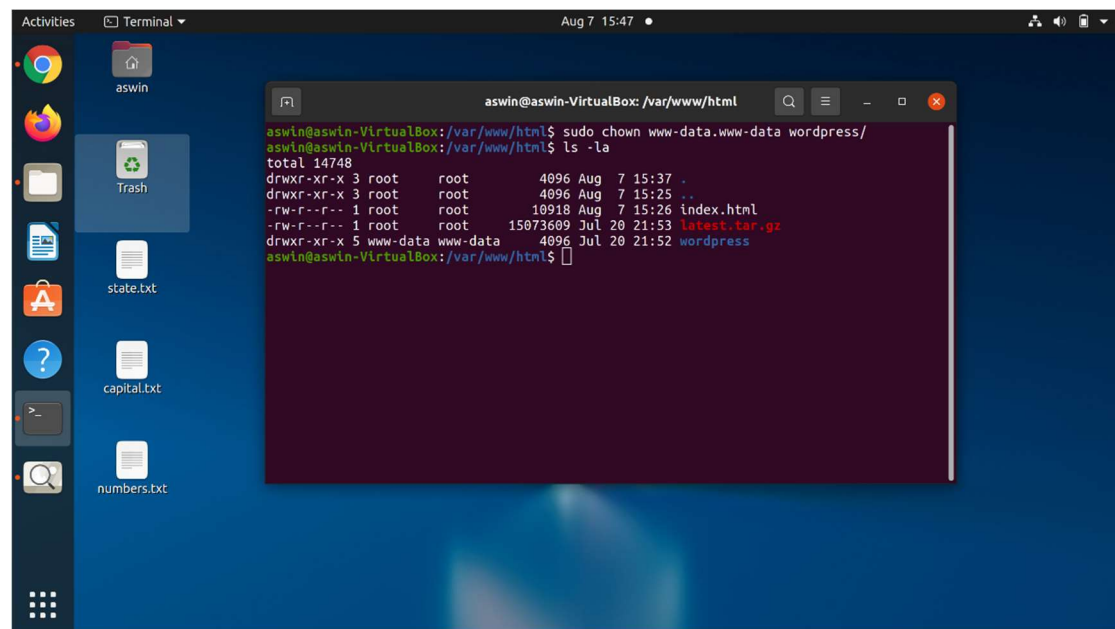
```
aswin@aswin-VirtualBox: /var/www/html$ ls -la
total 14748
drwxr-xr-x 3 root root 4096 Aug 7 15:37 .
drwxr-xr-x 3 root root 4096 Aug 7 15:25 ..
-rw-r--r-- 1 root root 10918 Aug 7 15:26 index.html
-rw-r--r-- 1 root root 15073609 Jul 20 21:53 latest.tar.gz
drwxr-xr-x 5 nobody nogroup 4096 Jul 20 21:52 wordpress
aswin@aswin-VirtualBox: /var/www/html$
```

8. Change owner of the WordPress file.



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

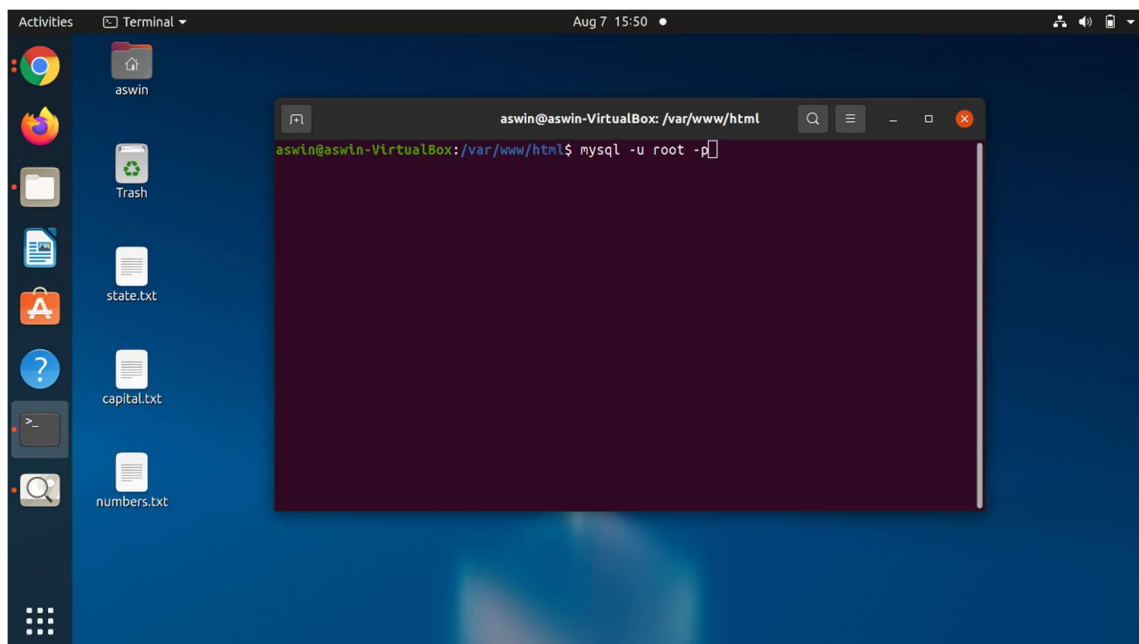
9. Check the rights of the WordPress file changed.



A terminal window titled "aswin@aswin-VirtualBox: /var/www/html" is open. The user has executed the command `sudo chown www-data:www-data wordpress/`. The output of the `ls -la` command is displayed, showing the permissions for the files in the directory. The permissions for the `wordpress` directory are `drwxr-xr-x 5 www-data www-data 4096 Jul 20 21:52 wordpress`.

```
aswin@aswin-VirtualBox: /var/www/html$ sudo chown www-data:www-data wordpress/
aswin@aswin-VirtualBox: /var/www/html$ ls -la
total 14748
drwxr-xr-x 3 root    root      4096 Aug  7 15:37 .
drwxr-xr-x 3 root    root      4096 Aug  7 15:25 ..
-rw-r--r-- 1 root    root     10918 Aug  7 15:26 index.html
-rw-r--r-- 1 root    root    15073609 Jul 20 21:53 latest.tar.gz
drwxr-xr-x 5 www-data www-data  4096 Jul 20 21:52 wordpress
aswin@aswin-VirtualBox: /var/www/html$
```

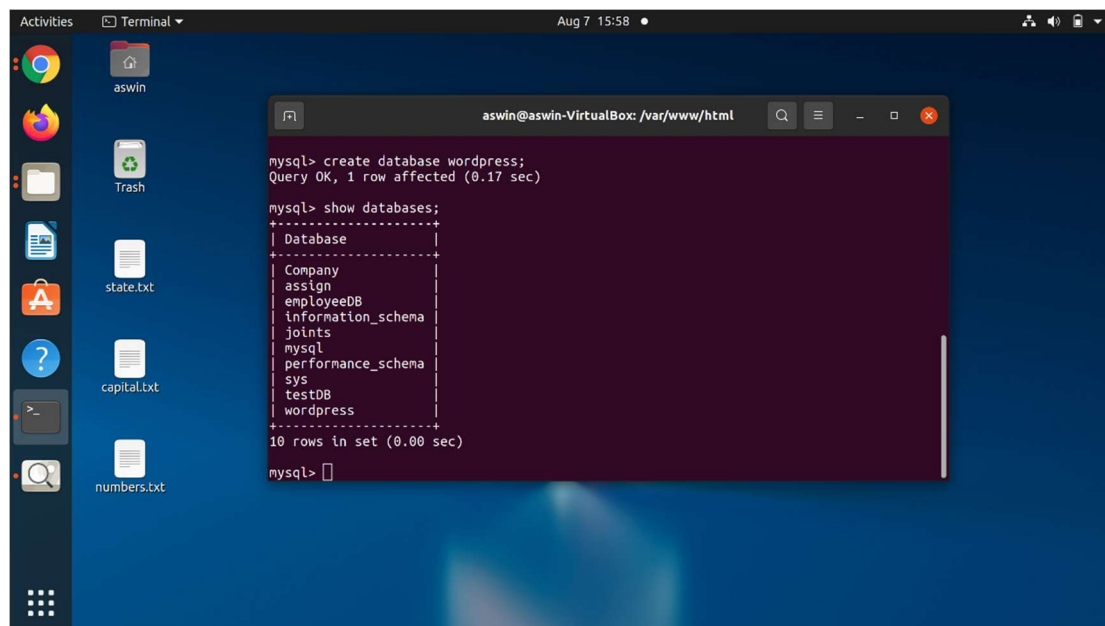
10. Open mysql in terminal.



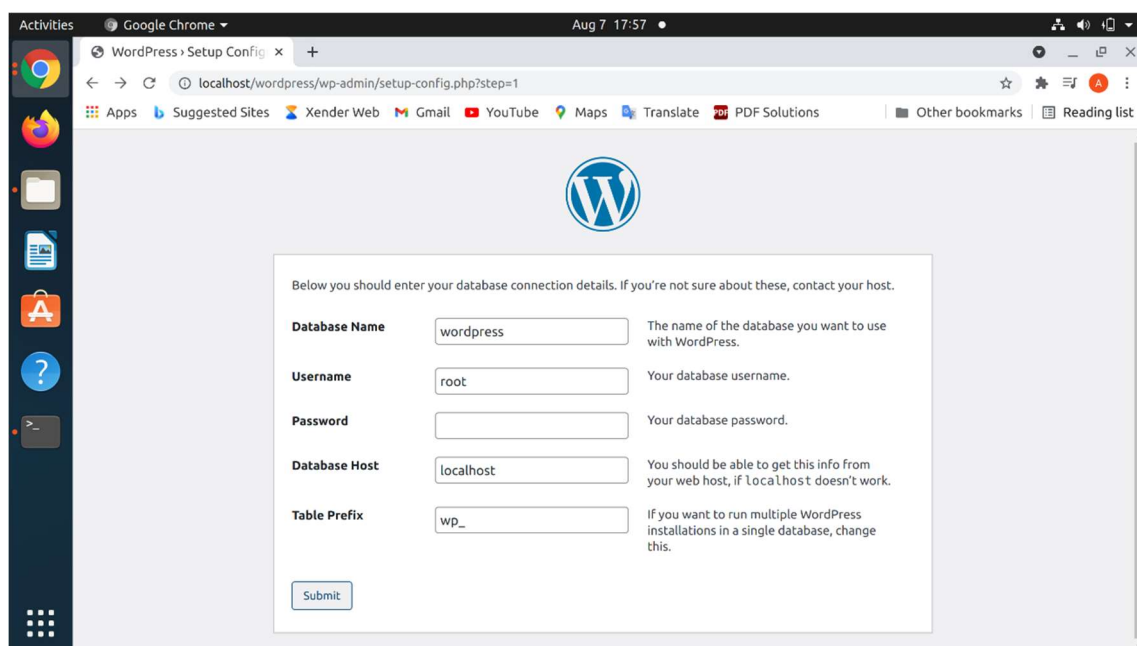
A terminal window titled "aswin@aswin-VirtualBox: /var/www/html" is open. The user has entered the command `mysql -u root -p` to open the MySQL command-line interface.

```
aswin@aswin-VirtualBox: /var/www/html$ mysql -u root -p
```

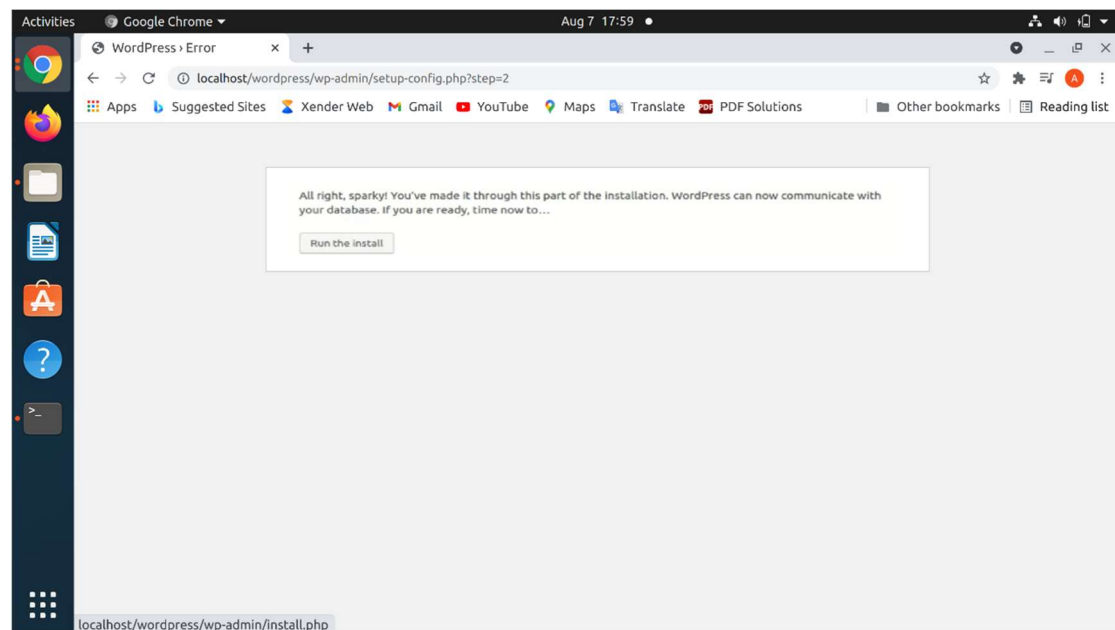
11. Create a database named wordpress.



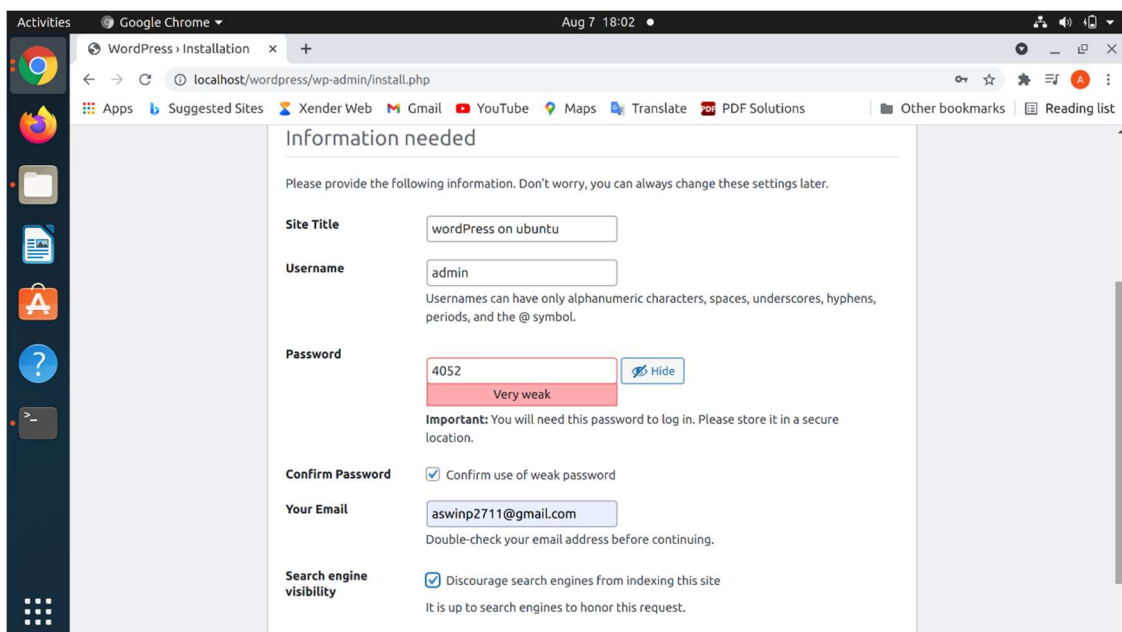
12. Open word press configuration in browser, then enter the database connection details and click submit.



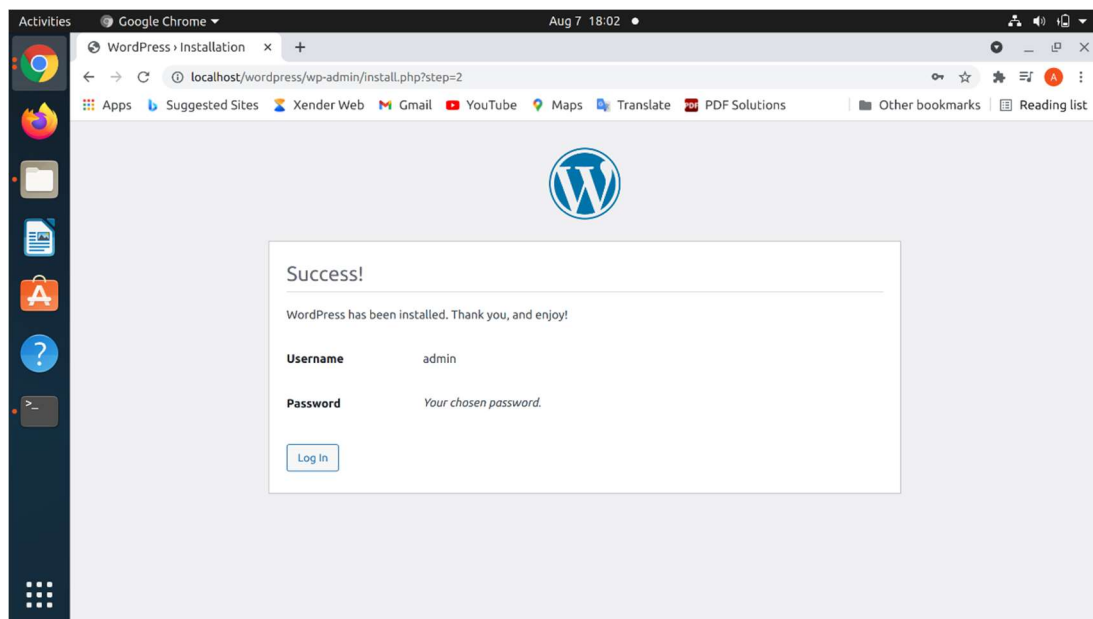
13. Click Run the install.



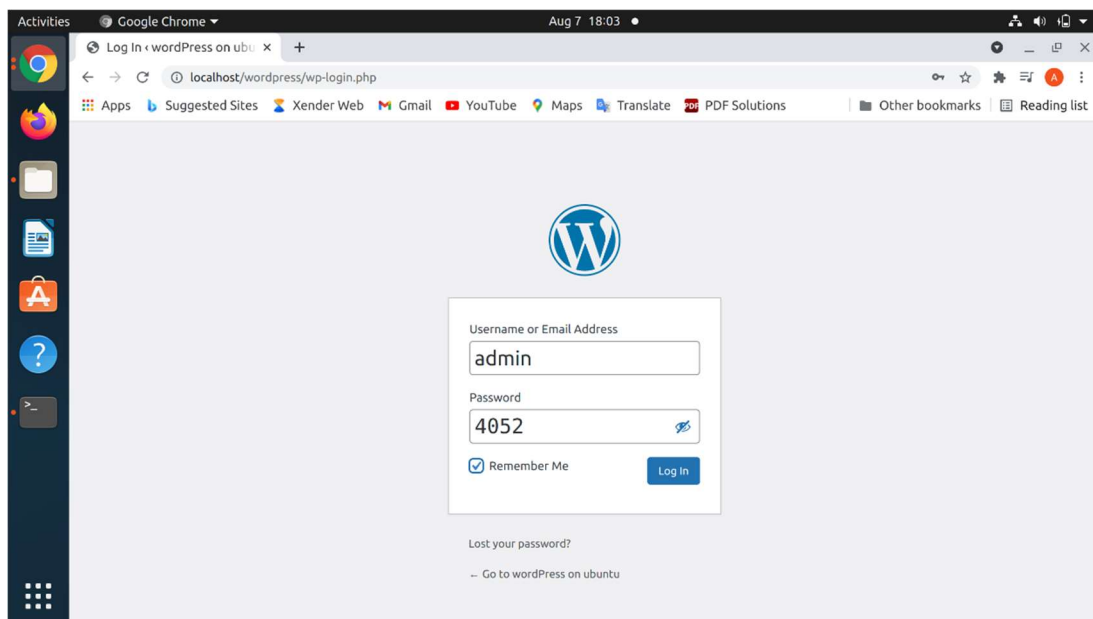
14. Give the information needed.



15. Finally successfully installed! Click login.



16. Enter username and password.



17. Successfully enter into the WordPress dashboard.

