

Codes:

# 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 'root1234';

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

## CREATE USER 'test'@localhost IDENTIFIED BY 'test1234';

# 7. Create a database for wordpress

## CREATE DATABASE wp;

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

## GRANT ALL PRIVILEGES ON wp.\* TO 'test'@localhost;

# 9. Download wordpress

## cd /tmp

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

# 10. Unzip the tar archive

## tar -xvf latest.tar.gz

# 11. Move wordpress folder to apache document root

## sudo mv wordpress/ /var/www/html

# 12. Command to restart/reload apache server

## sudo systemctl restart apache2

## OR

## sudo systemctl reload apache2

## Task 2 Codes:

1st server for wordpress

Install Apache server on Ubuntu

```
# sudo apt install apache2
```

Install php runtime and php mysql connector

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

Download wordpress

```
# cd /tmp
```

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

```
# 10. Unzip the tar archive
```

```
# tar -xvf latest.tar.gz
```

```
# 11. Move wordpress folder to apache document root
```

```
# sudo mv wordpress/ /var/www/html
```

To configure provide ip of mysql server ip in database host

```
# 12. Command to restart/reload apache server
```

```
# sudo systemctl restart apache2
```

```
# OR
```

```
# sudo systemctl reload apache2
```

2nd server for mysql

Install MySQL server

```
# sudo apt install mysql-server
```

Login to MySQL server

```
## sudo mysql -u root
```

Change authentication plugin to mysql\_native\_password (change the password to something strong)

```
# ALTER USER 'root'@'localhost' IDENTIFIED WITH mysql_native_password by 'root1234';
```

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

```
# CREATE USER 'test'@'localhost' IDENTIFIED BY 'test1234';
```

Create a database for wordpress

```
# CREATE DATABASE wp;
```

```
# 8. Grant all privileges on the database 'wp' to the newly created user
```

```
# GRANT ALL PRIVILEGES ON wp.* TO 'test'@localhost;
```